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NASA THESAURUS HIERARCHICAL UPDATE (CUMULATIVE)

M - Z

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NASA STI PROGRAM SCIENTIFIC & TECHNICAL INFORMATION

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NASA STI PROGRAM
SCIENTIFIC & TECHNICAL INFORMATION

This publication was prepared by the NASA Center for AeroSpace Information,
800 Elkridge Landing Road, Linthicum Heights, MD 21090-2934, (301) 621-0390.

NASA THESAURUS HIERARCHICAL UPDATE

Primarily an 'in-house' publication for NASA and the foreign contributors to the NASA STI Database, the Hierarchical Update cumulatively updates the Hierarchical listing of the 1988 edition of the *NASA Thesaurus*.

The complete Generic Structure is included, showing all the interrelationships of the broader and narrower terms. Category numbers are given for each term and correspond to category numbers found in Volume 3 of the 1967 *NASA Thesaurus*.

The location of an entry term within a hierarchy is indicated by a pound sign (#). Array terms are identified by a percent (%) sign.

```
  RT    LYMPHOCYTES

LYMPHOCYTES
  0403 0404 0406
  GS    CELLS (BIOLOGY)
        .BLOOD CELLS
        ..LEUKOCYTES
        ..#LYMPHOCYTES
  RT    IMMUNE SYSTEMS
        LYMPH

LYOPHILIZATION
  USE   COLLOIDING

LYOPHILS
  USE   COLLOIDS

LYRA CONSTELLATION
  3001 3503
  GS    CONSTELLATIONS
        #LYRA CONSTELLATION
  RT    CELESTIAL BODIES
        CELESTIAL SPHERE
        STARS

LYSERGINE
  0403 1808
  GS    BASES (CHEMICAL)
        .ALKALOIDS
        .#LYSERGINE
        NITROGEN COMPOUNDS
        .ALKALOIDS
        .#LYSERGINE
        ORGANIC COMPOUNDS
        .CYCLIC COMPOUNDS
        ..HETEROCYCLIC COMPOUNDS
        ...ALKALOIDS
        ...#LYSERGINE

LYSIMETERS
  0501
  RT    GROUND WATER
        MOISTURE CONTENT
        PERCOLATION
        SOIL MOISTURE
        SOILS
        WATER BALANCE
        WATER POLLUTION

LYSINE
  0402 0403 0404
  GS    ACIDS
        .AMINO ACIDS
        .#LYSINE
        .CARBOXYLIC ACIDS
        .#LYSINE
        ORGANIC COMPOUNDS
        .AMINO ACIDS
        .#LYSINE
        .CARBOXYLIC ACIDS
        .#LYSINE
  RT    DIGESTING
        LYSOGENESIS

LYSOGENESIS
  0404 0409 0412
  RT    DISINTEGRATION
        LYSINE

LYSOSOMES
  0404 0406 0409
  GS    ORGANELLES
        #LYSOSOMES
  RT    CELLS (BIOLOGY)
        CYTOLOGY
        ENZYME ACTIVITY
        LYSOZYME

LYSOZYME
  0403 1808
  GS    BIOPOLYMERS
        .PROTEINS
        ..ENZYMES
        ..#LYSOZYME
        ORGANIC COMPOUNDS
        .PROTEINS
        ..ENZYMES
        ..#LYSOZYME
  RT    BODY FLUIDS
        LYSOSOMES

LZEEBE SATELLITE
  3107
  UF    EARTH ENERGY BUDGET EXPERIMENT
        LONG TERM ZONAL EARTH ENERGY
        EXPERIMENT
        ZONAL EARTH ENERGY BUDGET
        EXPERIMENT
  GS    ARTIFICIAL SATELLITES
        .SCIENTIFIC SATELLITES
        .#LZEEBE SATELLITE

M REGION
  1307 2902 3001
  GS    REGIONS
        #M REGION
  RT    GEOMAGNETISM
        SOLAR ATMOSPHERE
        SOLAR CORPUSCULAR RADIATION
        SOLAR WIND

M STARS
  1411 1412 2306 3001
  GS    CELESTIAL BODIES
        .STARS
        ..LATE STARS
        ...COOL STARS
        ...#M STARS
        .....VAN BIESBROECK STAR
  RT    ASYMPTOTIC GIANT BRANCH STARS
        FLARE STARS
        GIANT STARS
        MAIN SEQUENCE STARS
        MIRA VARIABLES
        RED GIANT STARS
        S STARS
        SUBGIANT STARS
        SUPERGIANT STARS
        SYMBIOTIC STARS

M WINGS
  USE   VARIABLE SWEEP WINGS

M-1 ENGINE
  2806 2808
  UF    AJ-1000 ENGINE
  GS    ENGINES
        .ROCKET ENGINES
        ..BOOSTER ROCKET ENGINES
        ..#M-1 ENGINE
        ..LIQUID PROPELLANT ROCKET ENGINES
        ...HYDROGEN OXYGEN ENGINES
        ...#M-1 ENGINE
  RT    NOVA LAUNCH VEHICLES
        SATURN 1 LAUNCH VEHICLES
        SATURN 1B LAUNCH VEHICLES

M-2 LIFTING BODY
  0101 0103 3501
  GS    LIFTING BODIES
        .LIFTING REENTRY VEHICLES
        .#M-2 LIFTING BODY
        ...M-2F2 LIFTING BODY
        REENTRY VEHICLES
        .MANEUVERABLE REENTRY BODIES
        ..LIFTING REENTRY VEHICLES
        ..#M-2 LIFTING BODY
        ....M-2F2 LIFTING BODY

M-2F2 LIFTING BODY
  0101 0102 0103 0104 0205
  GS    LIFTING BODIES
        .LIFTING REENTRY VEHICLES
        ..M-2 LIFTING BODY
        ..#M-2F2 LIFTING BODY
```


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REENTRY VEHICLES
.MANEUVERABLE REENTRY BODIES
..LIFTING REENTRY VEHICLES
...M-2 LIFTING BODY
...#M-2F2 LIFTING BODY

M-2F3 LIFTING BODY
0101 0103
GS LIFTING BODIES
#M-2F3 LIFTING BODY

M-46 ENGINE
2808
GS ENGINES
.ROCKET ENGINES
..SOLID PROPELLANT ROCKET ENGINES
..#M-46 ENGINE
RT FALCON MISSILE

M-55 ENGINE
2808
GS ENGINES
.ROCKET ENGINES
..BOOSTER ROCKET ENGINES
..#M-55 ENGINE
..SOLID PROPELLANT ROCKET ENGINES
..#M-55 ENGINE
RT MINUTEMAN ICBM

M-56 ENGINE
2806 2808
GS ENGINES
.ROCKET ENGINES
..SOLID PROPELLANT ROCKET ENGINES
..#M-56 ENGINE
RT MINUTEMAN ICBM

M-57 ENGINE
2806 2808
GS ENGINES
.ROCKET ENGINES
..SOLID PROPELLANT ROCKET ENGINES
..#M-57 ENGINE
RT MINUTEMAN ICBM

M-100 ENGINE
2808
GS ENGINES
.ROCKET ENGINES
.#M-100 ENGINE

MA-2 ENGINE
2808
GS ENGINES
.ROCKET ENGINES
..BOOSTER ROCKET ENGINES
..#MA-2 ENGINE
..LIQUID PROPELLANT ROCKET ENGINES
..#MA-2 ENGINE
RT ATLAS ICBM
VERNIER ENGINES

MA-2 MISSION
USE MERCURY MA-2 FLIGHT

MA-3 ENGINE
2808
GS ENGINES
.ROCKET ENGINES
..BOOSTER ROCKET ENGINES
..#MA-3 ENGINE
..LIQUID PROPELLANT ROCKET ENGINES
..#MA-3 ENGINE
RT ATLAS ICBM
VERNIER ENGINES

MA-3 FLIGHT
USE MERCURY MA-3 FLIGHT

MA-4 FLIGHT
USE MERCURY MA-4 FLIGHT

MA-5 ENGINE
2806 2808
GS ENGINES
.ROCKET ENGINES
..BOOSTER ROCKET ENGINES
..#MA-5 ENGINE
..LIQUID PROPELLANT ROCKET ENGINES
..#MA-5 ENGINE
RT ATLAS LAUNCH VEHICLES
ATLAS SLV-3 LAUNCH VEHICLE
VERNIER ENGINES

MA-5 FLIGHT
USE MERCURY MA-5 FLIGHT

MA-8 FLIGHT
USE MERCURY MA-8 FLIGHT

MA-9 FLIGHT
USE MERCURY MA-9 FLIGHT

MAARS
USE CRATERS

MACE MISSILES
2805 3101 3401
GS MISSILES
.SURFACE TO SURFACE MISSILES
.#MACE MISSILES
RT BOOSTER ROCKET ENGINES
J-33 ENGINE
SOLID PROPELLANT ROCKET ENGINES
TURBOJET ENGINES

MACH CONES
0101 0201 1203 3501
GS ELASTIC WAVES
.SHOCK WAVES
.#MACH CONES
RT ACOUSTIC VELOCITY
BOW WAVES
CONES
HYPERSONIC SHOCK
SOUND WAVES
SUPERSONIC FLIGHT
SUPERSONIC FLOW
SUPERSONICS

MACH INERTIA PRINCIPLE
2307 2311
GS INERTIA
.INERTIA PRINCIPLE
.#MACH INERTIA PRINCIPLE
RT EQUATIONS OF MOTION
MOMENTS OF INERTIA

MACH NUMBER
0101 0203 1110 1202 1203
UF CRITICAL MACH NUMBER
GLAUERT COEFFICIENT
GS RATIOS
.DIMENSIONLESS NUMBERS
.#MACH NUMBER
RT ACOUSTIC VELOCITY
AERODYNAMICS
AIRSPEED
SHOCK WAVES
SUPERHARMONICS
SWEEP ANGLE

MACH REFLECTION
0710
GS REFLECTION
.WAVE REFLECTION
.#MACH REFLECTION
RT SHOCK WAVES

MACH-ZEHNDER INTERFEROMETERS
1405 1406 3501
GS MEASURING INSTRUMENTS
.INTERFEROMETERS
.#MACH-ZEHNDER INTERFEROMETERS
RT AERODYNAMICS

ARGON LASERS
CARBON DIOXIDE LASERS
DIFFRACTOMETERS
GAS LASERS
GONIOMETERS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SCHLIEREN PHOTOGRAPHY

MACHINE LEARNING
0408 0502 3405
UF LEARNING MACHINES
GS AUTOMATIC CONTROL
.ADAPTIVE CONTROL
.#MACHINE LEARNING
RT ARTIFICIAL INTELLIGENCE
AUTOMATA THEORY
CYBERNETICS
FEEDBACK CONTROL
% MACHINERY
SELF ORGANIZING SYSTEMS
TEACHING MACHINES

MACHINE LIFE
USE SERVICE LIFE

MACHINE ORIENTED LANGUAGES
0802 0803
GS LANGUAGES
.PROGRAMMING LANGUAGES
.#MACHINE ORIENTED LANGUAGES
...MARVS (PROGRAMMING LANGUAGE)
RT ALGOL
ASSEMBLY LANGUAGE
AUTOCODERS
LANGUAGE PROGRAMMING
PL/1

MACHINE RECOGNITION
USE ARTIFICIAL INTELLIGENCE

MACHINE STORAGE
USE COMPUTER STORAGE DEVICES
CORE STORAGE

MACHINE TOOLS
1504
GS TOOLS
#MACHINE TOOLS
..BORING MACHINES
..GRINDING MACHINES
..LATHES
...TURRET LATHES
..MILLING MACHINES
..SHAPERS
RT CUTTERS
DIES
DRILLS
% MACHINERY
MACHINING
MANDRELS
MECHANICAL DEVICES
MECHANICAL ENGINEERING
METAL CUTTING
NUMERICAL CONTROL
PRESSES
PUNCHES
SAWS
SHEARS
TAPS
ULTRASONIC CLEANING

MACHINE TRANSLATION
0802 0803
GS LINGUISTICS
#MACHINE TRANSLATION
TRANSLATING
#MACHINE TRANSLATION
RT COMPUTER PROGRAMS
INFORMATION THEORY
LANGUAGE PROGRAMMING
LANGUAGES
NATURAL LANGUAGE PROCESSING

MACHINE VISION
USE COMPUTER VISION

MACHINE-INDEPENDENT PROGRAMS
0802 0803
GS COMPUTER PROGRAMS
#MACHINE-INDEPENDENT PROGRAMS
RT COMPUTER PROGRAMMING
COMPUTERS
MULTIPROGRAMMING

% MACHINERY
0801 1504 3404
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BORING MACHINES
COMPUTERS
DRAFTING MACHINES
ENGINES
FATIGUE TESTING MACHINES
GRINDING MACHINES
GROUND EFFECT MACHINES
IMPACT TESTING MACHINES
LEVERS
LOAD TESTING MACHINES
MACHINE LEARNING
MACHINE TOOLS
MECHANICAL ENGINEERING
% MECHANISM
MECHANIZATION
MILLING MACHINES
POSITIONING DEVICES (MACHINERY)
REFRIGERATING MACHINERY
% ROTATING ELECTRICAL MACHINES
SELF FOCUSING
TEACHING MACHINES
TIDE POWERED MACHINES
TOOLS
TURBOMACHINERY
TURING MACHINES
VIBRATION SIMULATORS
WALKING MACHINES
WATERWAVE POWERED MACHINES
WELDING MACHINES
WINDMILLS (WINDPOWERED MACHINES)

MACHINING
1504
UF MATERIAL REMOVAL (MACHINING)
GS #MACHINING
.CHEMICAL MACHINING
..ELECTROCHEMICAL MACHINING
.HOT MACHINING
.MICROMACHINING
.MILLING (MACHINING)
.SPARK MACHINING
.ULTRASONIC MACHINING
RT % CUT-OFF
CUTTING
DRILLING
FINISHES
FORMING TECHNIQUES
GRINDING (MATERIAL REMOVAL)
GROOVING
KNURLING
LASER CUTTING
MACHINE TOOLS
METAL CUTTING
METAL WORKING
PLANING
RESIDUAL STRESS
SETUPS
SURFACE FINISHING
SURFACE ROUGHNESS
TOOLING
V GROOVES

MACINTOSH PC
USE MACINTOSH PERSONAL COMPUTERS

```
MACINTOSH PERSONAL COMPUTERS
  0801 0802 0905 3502
  UF   MACINTOSH PC
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...MICROCOMPUTERS
       ....PERSONAL COMPUTERS
       ....#MACINTOSH PERSONAL COMPUTERS
  RT   COMPUTER GRAPHICS
       COMPUTER PROGRAMS

MACLAURIN SERIES
  1902
  UF   MCLAURIN SERIES
  GS   ANALYSIS (MATHEMATICS)
       .CALCULUS
       ..SERIES (MATHEMATICS)
       ...POWER SERIES
       ....TAYLOR SERIES
       ....#MACLAURIN SERIES
       .REAL VARIABLES
       ..SERIES (MATHEMATICS)
       ...POWER SERIES
       ....TAYLOR SERIES
       ....#MACLAURIN SERIES

MACROCLIMATE
  USE  CLIMATE

MACROMOLECULES
  0603 2401 2404 2405 2502 2603
  GS   MOLECULES
       #MACROMOLECULES
  RT   MOLECULAR CHAINS
       MOLECULAR STRUCTURE
       MOLECULAR WEIGHT
     % POLYMERS
       PROTEINS

MACROPHAGES
  0404 0407
  GS   CELLS (BIOLOGY)
       #MACROPHAGES
  RT   TISSUES (BIOLOGY)

MACROSCOPIC EQUATIONS
  0602 0603 1902
  RT % EQUATIONS
     % MEASUREMENT
     % PROPERTIES
       STATISTICAL MECHANICS

MACULAR VISION
  USE  VISION

MADAGASCAR
  1305
  UF   MALAGASY REPUBLIC
  GS   LANDFORMS
       .ISLANDS
       .#MADAGASCAR
       NATIONS
       #MADAGASCAR
  RT   AFRICA
       INDIAN OCEAN

MAFFEI GALAXIES
  3001
  GS   CELESTIAL BODIES
       .GALAXIES
       .#MAFFEI GALAXIES
  RT   NEBULAE
       RADIO ASTRONOMY
       RADIO GALAXIES
       RADIO SOURCES (ASTRONOMY)
       SPIRAL GALAXIES

MAGAZINES (SUPPLY CHAMBERS)
  1504 3401
  RT   AMMUNITION
       PHOTOGRAPHIC FILM
       SPOOLS

MAGDALENA-CAUCA VALLEY (COLOMBIA)
  1305
  GS   LANDFORMS
       #MAGDALENA-CAUCA VALLEY (COLOMBIA)
       VALLEYS
       #MAGDALENA-CAUCA VALLEY (COLOMBIA)
  RT   COLOMBIA
       SOUTH AMERICA

MAGELLAN MISSION (ESA)
  USE  MAGELLAN ULTRAVIOLET ASTRONOMY
       SATELLITE

MAGELLAN PROJECT (NASA)
  3108 3007
  SN   (DOES NOT INCLUDE THE MAGELLAN
       ULTRAVIOLET ASTRONOMY SATELLITE)
  UF   VENUS RADAR MAPPER PROJECT
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#MAGELLAN PROJECT (NASA)
       .PROJECTS
       .#MAGELLAN PROJECT (NASA)
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#MAGELLAN PROJECT (NASA)
  RT   MAGELLAN SPACECRAFT (NASA)
       SPACE EXPLORATION
       SPACE MISSIONS
       VENUS ORBITING IMAGING RADAR
       (SPACECRAFT)
       VENUS PROBES
       VENUS SURFACE

MAGELLAN SPACECRAFT (NASA)
  3108 3007
  SN   (DOES NOT INCLUDE THE MAGELLAN
       ULTRAVIOLET ASTRONOMY SATELLITE)
  UF   VENUS RADAR MAPPER
  GS   INTERPLANETARY SPACECRAFT
       .VENUS PROBES
       .#MAGELLAN SPACECRAFT (NASA)
       UNMANNED SPACECRAFT
       .SPACE PROBES
       ..VENUS PROBES
       ..#MAGELLAN SPACECRAFT (NASA)
  RT   MAGELLAN PROJECT (NASA)
       RADAR IMAGERY
     % SPACECRAFT
       SYNTHETIC APERTURE RADAR
       VENUS ORBITING IMAGING RADAR
       (SPACECRAFT)
       VENUS SURFACE

MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE
  3001
  UF   MAGELLAN MISSION (ESA)
  GS   ARTIFICIAL SATELLITES
       .ESA SATELLITES
       .#MAGELLAN ULTRAVIOLET ASTRONOMY
         SATELLITE
       ESA SPACECRAFT
       .ESA SATELLITES
       .#MAGELLAN ULTRAVIOLET ASTRONOMY
         SATELLITE
       OBSERVATORIES
       .ASTRONOMICAL OBSERVATORIES
       ..ASTRONOMICAL SATELLITES
       ..#MAGELLAN ULTRAVIOLET ASTRONOMY
          SATELLITE
  RT   EXTREME ULTRAVIOLET RADIATION
       FAR ULTRAVIOLET RADIATION
       SPACEBORNE ASTRONOMY

MAGELLANIC CLOUDS
  3001 3003 3009
  GS   CELESTIAL BODIES
       .GALAXIES
       .#MAGELLANIC CLOUDS
  RT % CLOUDS
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        NEBULAE
        ORION NEBULA
        STAR CLUSTERS
        STARS
        SUPERNOVA 1987A

MAGIC TEES
  0701 0705 0710
  RT    DUPLEXERS

MAGMA
  1306 1308 3009
  RT    IGNEOUS ROCKS
        LAVA
        REGOLITH
        RHYOLITE
        ROCKS
        SOILS

MAGNESIUM
  1703
  GS    CHEMICAL ELEMENTS
        #MAGNESIUM
        ..MAGNESIUM ISOTOPES
        METALS
        #MAGNESIUM
        ..MAGNESIUM ISOTOPES

MAGNESIUM ALLOYS
  0603 1701 1703
  GS    ALLOYS
        .LIGHT ALLOYS
        .#MAGNESIUM ALLOYS
  RT    ALUMINUM-LITHIUM ALLOYS
        BISMUTH ALLOYS
        LITHIUM ALLOYS
        SILICON ALLOYS

MAGNESIUM BROMIDES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .BROMINE COMPOUNDS
        ..BROMIDES
        ..#MAGNESIUM BROMIDES
        .HALIDES
        ..BROMIDES
        ..#MAGNESIUM BROMIDES
        ..METAL HALIDES
        ..#MAGNESIUM BROMIDES
        MAGNESIUM COMPOUNDS
        #MAGNESIUM BROMIDES

MAGNESIUM CELLS
  0302 0603
  GS    ELECTRIC GENERATORS
        .DIRECT POWER GENERATORS
        ..PRIMARY BATTERIES
        ...DRY CELLS
        ...#MAGNESIUM CELLS
        ELECTROCHEMICAL CELLS
        .ELECTRIC BATTERIES
        ..PRIMARY BATTERIES
        ...DRY CELLS
        ...#MAGNESIUM CELLS
  RT    CHEMICAL AUXILIARY POWER UNITS
        ELECTROLYTIC POLARIZATION

MAGNESIUM CHLORIDES
  1804
  GS    HALOGEN COMPOUNDS
        .CHLORINE COMPOUNDS
        ..CHLORIDES
        ..#MAGNESIUM CHLORIDES
        .HALIDES
        ..CHLORIDES
        ..#MAGNESIUM CHLORIDES
        MAGNESIUM COMPOUNDS
        #MAGNESIUM CHLORIDES

MAGNESIUM COMPOUNDS
  0603 1804
  GS   #MAGNESIUM COMPOUNDS
        .BRUCITE
        .CHLOROPHYLLS
        .CORDIERITE
        .DOLOMITE (MINERAL)
        .ENSTATITE
        .FORSTERITE
        .MAGNESIUM BROMIDES
        .MAGNESIUM CHLORIDES
        .MAGNESIUM FLUORIDES
        .MAGNESIUM GERMANATES
        .MAGNESIUM GERMANIDES
        .MAGNESIUM OXIDES
        ..AKERMANITE
        ..PERICLASE
        .MAGNESIUM PERCHLORATES
        .MAGNESIUM SULFATES
        ..HEXAHEDRITE
        .MAGNESIUM TITANATES
        .MERWINITE
        .MONTICELLITE
        .TALC
  RT % ALKALINE EARTH COMPOUNDS
     % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

MAGNESIUM FLUORIDES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .FLUORINE COMPOUNDS
        ..FLUORIDES
        ...METAL FLUORIDES
        ...#MAGNESIUM FLUORIDES
        MAGNESIUM COMPOUNDS
        #MAGNESIUM FLUORIDES

MAGNESIUM GERMANATES
  0603 1804
  GS    GERMANIUM COMPOUNDS
        .GERMANATES
        .#MAGNESIUM GERMANATES
        MAGNESIUM COMPOUNDS
        #MAGNESIUM GERMANATES

MAGNESIUM GERMANIDES
  0603 1804
  GS    GERMANIUM COMPOUNDS
        .GERMANIDES
        .#MAGNESIUM GERMANIDES
        MAGNESIUM COMPOUNDS
        #MAGNESIUM GERMANIDES

MAGNESIUM ISOTOPES
  0603 1703 1704 2406
  GS    CHEMICAL ELEMENTS
        .MAGNESIUM
        .#MAGNESIUM ISOTOPES
        METALS
        .MAGNESIUM
        .#MAGNESIUM ISOTOPES

MAGNESIUM OXIDES
  1804
  GS    CHALCOGENIDES
        .OXIDES
        ..METAL OXIDES
        ...ALKALINE EARTH OXIDES
        ...#MAGNESIUM OXIDES
        .....AKERMANITE
        .....PERICLASE
        MAGNESIUM COMPOUNDS
        #MAGNESIUM OXIDES
        ..AKERMANITE
        ..PERICLASE

MAGNESIUM PERCHLORATES
  1804
  GS    HALOGEN COMPOUNDS
        .CHLORINE COMPOUNDS
        ..PERCHLORATES
        ..#MAGNESIUM PERCHLORATES
        MAGNESIUM COMPOUNDS
        #MAGNESIUM PERCHLORATES
```

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MAGNESIUM SULFATES
  1804
  GS    MAGNESIUM COMPOUNDS
        #MAGNESIUM SULFATES
        ..HEXAHEDRITE
        SULFUR COMPOUNDS
        .SULFATES
        .#MAGNESIUM SULFATES
        ...HEXAHEDRITE
  RT    BLOEDITE

MAGNESIUM TITANATES
  0603 1804
  GS    MAGNESIUM COMPOUNDS
        #MAGNESIUM TITANATES
        TITANIUM COMPOUNDS
        .TITANATES
        .#MAGNESIUM TITANATES

MAGNESYN (TRADEMARK)
  USE   SERVOMOTORS

MAGNET COILS
  0904 2305 2307 2402
  GS    ELECTRIC COILS
        .MAGNETIC COILS
        .#MAGNET COILS
  RT %  COILS
        ELECTROMAGNETISM
        ELECTROMAGNETS
        FIELD COILS
        INDUCTORS
        MAGNETIC CIRCUITS
        MAGNETIC CORES
        MAGNETIC ENERGY STORAGE
        MAGNETS
        SATURABLE REACTORS
        SOLENOIDS
        SUPERCONDUCTING MAGNETS
        TOROIDS
        TRANSFORMERS
        WIRE WINDING
        YOKES

MAGNETIC ABSORPTION
  USE   ELECTROMAGNETIC ABSORPTION

MAGNETIC AMPLIFIERS
  0904 2307
  GS    AMPLIFIERS
        #MAGNETIC AMPLIFIERS
  RT    MAGNETOSTATIC AMPLIFIERS
        NONLINEARITY
        POWER AMPLIFIERS
        SATURABLE REACTORS
        VOLTAGE AMPLIFIERS

MAGNETIC ANNULAR ARC
  2307 2501
  RT %  ARCS
        CURRENT DISTRIBUTION
        PLASMA ACCELERATORS
        PLASMA CONTROL
        PLASMA PROPULSION

MAGNETIC ANNULAR SHOCK TUBES
  2307 2311
  UF    MAST SHOCK TUBES
  GS    SHOCK WAVE GENERATORS
        .SHOCK TUBES
        .#MAGNETIC ANNULAR SHOCK TUBES

MAGNETIC ANOMALIES
  2307 2311 2402
  UF    GEOMAGNETIC ANOMALIES
  GS    ANOMALIES
        #MAGNETIC ANOMALIES
        ..GEOMAGNETIC HOLLOW
  RT    AEROMAGNETISM
        GEOMAGNETISM
        NONUNIFORM MAGNETIC FIELDS

MAGNETIC BEARINGS
  1501
  GS    BEARINGS
        #MAGNETIC BEARINGS
  RT    LEVITATION
        MAGNETIC SUSPENSION

MAGNETIC CHARGE DENSITY
  2307
  UF    SCALAR MAGNETIC CHARGE
  GS    DIVERGENCE
        #MAGNETIC CHARGE DENSITY
  RT %  CHARGING
        CONSTITUTIVE EQUATIONS
        MAXWELL EQUATION

MAGNETIC CIRCUITS
  0902 2307 2402
  GS    CIRCUITS
        #MAGNETIC CIRCUITS
  RT    FLUX (RATE)
        LINES OF FORCE
        MAGNET COILS
     %  NETWORKS
        SATURABLE REACTORS
        TRANSFORMERS

MAGNETIC CLOUDS
  2502 2902
  GS    MAGNETIC FIELDS
        #MAGNETIC CLOUDS
        PARTICLES
        .CHARGED PARTICLES
        ..PLASMA CLOUDS
        ..#MAGNETIC CLOUDS
  RT %  CLOUDS
        INTERPLANETARY MAGNETIC FIELDS
        INTERPLANETARY MEDIUM
        INTERSTELLAR GAS
        INTERSTELLAR MAGNETIC FIELDS
        MAGNETIC FIELD CONFIGURATIONS
        SOLAR CORONA
        SOLAR WIND
        STELLAR MASS EJECTION

MAGNETIC COILS
  0904 2305 2307
  GS    ELECTRIC COILS
        #MAGNETIC COILS
        ..FIELD COILS
        ..MAGNET COILS
  RT %  COILS
        ELECTROMAGNETIC HAMMERS
        ELECTROMAGNETISM
        FLUX PUMPS

MAGNETIC COMPASSES
  2104 2307
  GS    MEASURING INSTRUMENTS
        .INDICATING INSTRUMENTS
        ..COMPASSES
        ..#MAGNETIC COMPASSES
        NAVIGATION AIDS
        .NAVIGATION INSTRUMENTS
        ..COMPASSES
        ..#MAGNETIC COMPASSES
  RT    GYROCOMPASSES
        SOLAR COMPASSES

MAGNETIC COMPRESSION
  2307
  RT    COMPRESSING
        CONFINEMENT
        PLASMA CONTROL
        PLASMAS (PHYSICS)

MAGNETIC CONTROL
  0904 2307
  RT    ATTITUDE CONTROL
     %  CONTROL

MAGNETIC COOLING
  1202
```

```
  GS   COOLING
       #MAGNETIC COOLING
  RT   ABSORPTION COOLING
       ADIABATIC DEMAGNETIZATION COOLING
       LOW TEMPERATURE
       LOW TEMPERATURE ENVIRONMENTS
       REFRIGERATING

MAGNETIC CORES
  0904 2305 2307
  GS   COMPUTER STORAGE DEVICES
       #MAGNETIC CORES
       CORES
       #MAGNETIC CORES
  RT   BUBBLE MEMORY DEVICES
       ELECTRIC COILS
       FERRITES
       FERROMAGNETISM
       LAMINATES
       MAGNET COILS
       MAGNETS
       PARAMETRONS
       SATURABLE REACTORS
       TOROIDS
       TRANSFORMERS

MAGNETIC DIFFUSION
  2307 2311
  SN   (DIFFUSION VIA A MAGNETIC FIELD)
  GS   DIFFUSION
       #MAGNETIC DIFFUSION
  RT   FIELD STRENGTH

MAGNETIC DIPOLES
  2307 2311 2402
  RT % DIPOLES
       ELECTRIC DIPOLES
     % PHYSICAL PROPERTIES
     % POLES

MAGNETIC DISKS
  0801 2305 2307 9001
  GS   COMPUTER STORAGE DEVICES
       #MAGNETIC DISKS
       MAGNETIC STORAGE
       #MAGNETIC DISKS
  RT   CORE STORAGE
       DISK OPERATING SYSTEM (DOS)
     % DISKS
       MEMORY (COMPUTERS)
       PERIPHERAL EQUIPMENT (COMPUTERS)
       VIDEO DISKS

MAGNETIC DISPERSION
  0710 2307 2402
  RT % DISPERSION
       ELECTROMAGNETIC SCATTERING
       FERROMAGNETISM
       MAGNETIZATION
       WAVE SCATTERING

MAGNETIC DISTURBANCES
  2307 2402
  GS  #MAGNETIC DISTURBANCES
       .MAGNETIC STORMS
  RT   AURORAS
       BIRKELAND CURRENTS
     % DISTURBANCES
       GEOMAGNETISM
       KP INDEX
       NONADIABATIC THEORY
       SOLAR ACTIVITY
       SOLAR ACTIVITY EFFECTS
       SOLAR FLARES
       SOLAR PLANETARY INTERACTIONS
       SOLAR TERRESTRIAL INTERACTIONS
       SOLAR WIND VELOCITY
       STARSPOTS
       STELLAR ACTIVITY
       SUDDEN IONOSPHERIC DISTURBANCES
       SUDDEN STORM COMMENCEMENTS
       SUNSPOTS

MAGNETIC DOMAINS
  2307 2405
  GS   DOMAINS
       #MAGNETIC DOMAINS
  RT   BUBBLE MEMORY DEVICES
       BUBBLE TECHNIQUE
       DIPOLE MOMENTS
       DOMAIN WALL
       LINES OF FORCE

MAGNETIC DRUMS
  0801 2305 2307
  GS   COMPUTER STORAGE DEVICES
       #MAGNETIC DRUMS
       MAGNETIC STORAGE
       #MAGNETIC DRUMS
  RT   CORE STORAGE
     % DRUMS

MAGNETIC EFFECTS
  2307 2311
  UF   GEOMAGNETIC EFFECTS
  GS   MAGNETIC PROPERTIES
       #MAGNETIC EFFECTS
       ..MAGNETIC RIGIDITY
  RT % EFFECTS
       FLUX TRANSFER EVENTS
       GEOMAGNETISM
       MAGNETOACTIVITY
       PLASMA COMPRESSION
       TEMPERATURE EFFECTS

MAGNETIC ENERGY STORAGE
  2304
  GS   ENERGY STORAGE
       #MAGNETIC ENERGY STORAGE
  RT   ENERGY TECHNOLOGY
       MAGNET COILS
       MAGNETIC FIELDS
       SUPERCONDUCTING MAGNETS

MAGNETIC EQUATOR
  1307 2103 2307
  UF   GEOMAGNETIC EQUATOR
  GS   EQUATORS
       #MAGNETIC EQUATOR
  RT   GEOMAGNETISM
     % INCLINATION

MAGNETIC FIELD CONFIGURATIONS
  0904 0905 3009
  RT   ASTROPHYSICS
       ELECTROMAGNETIC FIELDS
       FLUX TRANSFER EVENTS
       FORCE-FREE MAGNETIC FIELDS
       HELICAL WINDINGS
       MAGNETIC CLOUDS
       MAGNETIC FIELD RECONNECTION
       PLASMA COMPRESSION
       PLASMA CONTROL
       PLASMA PHYSICS
       POLAR CUSPS
       POLOIDAL FLUX
       SPHEROMAKS
       STELLAR MAGNETIC FIELDS

MAGNETIC FIELD INTENSITY
  USE  MAGNETIC FLUX

MAGNETIC FIELD INVERSIONS
  1307 2307 2311 2402
  GS   INVERSIONS
       #MAGNETIC FIELD INVERSIONS
  RT   ELECTROMAGNETIC FIELDS
       ELECTROMAGNETISM
       ELECTROMECHANICS
       FIELD THEORY (PHYSICS)

MAGNETIC FIELD RECONNECTION
  1307 2502 3002
  GS   MAGNETIC PROPERTIES
       .MAGNETOACTIVITY
```

.#MAGNETIC FIELD RECONNECTION
RT FIELD ALIGNED CURRENTS
FLUX TRANSFER EVENTS
INTERPLANETARY MAGNETIC FIELDS
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC FIELDS
MAGNETIC FLUX
MAGNETOSPHERE-IONOSPHERE COUPLING
SOLAR MAGNETIC FIELD
SPACE PLASMAS

MAGNETIC FIELDS
1307 2304 2305 2307 2501 3009
GS #MAGNETIC FIELDS
.BIOMAGNETISM
.FORCE-FREE MAGNETIC FIELDS
.GEOMAGNETISM
.INTERPLANETARY MAGNETIC FIELDS
.INTERSTELLAR MAGNETIC FIELDS
.LUNAR MAGNETIC FIELDS
.MAGNETIC CLOUDS
.MAGNETOSTATIC FIELDS
.NONUNIFORM MAGNETIC FIELDS
.PALEOMAGNETISM
.PLANETARY MAGNETIC FIELDS
.STELLAR MAGNETIC FIELDS
..SOLAR MAGNETIC FIELD
.TRAPPED MAGNETIC FIELDS
RT BERNSTEIN ENERGY PRINCIPLE
BETA FACTOR
CONJUGATE POINTS
CONSTITUTIVE EQUATIONS
CROSSED FIELDS
DEMAGNETIZATION
EARTH MAGNETOSPHERE
ELECTRIC FIELDS
ELECTROMAGNETIC ACCELERATION
ELECTROMAGNETIC FIELDS
ELECTROMAGNETISM
ELECTROMECHANICS
ELECTRON-HOLE DROPS
FERROMAGNETIC RESONANCE
FIELD EMISSION
FIELD STRENGTH
FIELD THEORY (PHYSICS)
% FIELDS
FLUX PUMPS
FLUX TRANSFER EVENTS
GEOMAGNETIC TAIL
HELIOS SATELLITES
INTASAT SATELLITE
% KERR EFFECTS
LINES OF FORCE
LORENTZ FORCE
MAGNETIC ENERGY STORAGE
MAGNETIC FIELD RECONNECTION
MAGNETIZATION
MAGNETO-OPTICS
MAGNETOACTIVITY
MAGNETOPLASMADYNAMICS
MAGNETORESISTIVITY
MAGNETOSTATICS
MAGNETS
MULTIPOLAR FIELDS
NONTHERMAL RADIATION
PARTICLE ACCELERATION
PINCH EFFECT
POLAR CUSPS
POLARITY
PULSAR MAGNETOSPHERES
RACETRACKS (PARTICLE ACCELERATORS)
RADIATION BELTS
SCREW PINCH
SCYLLA
SELF CONSISTENT FIELDS
SQUARE WELLS
STELLAR MAGNETOSPHERES
SUHL EFFECT
ZEEMAN EFFECT

MAGNETIC FILMS
1802 2305 2307
GS COATINGS
#MAGNETIC FILMS
RT % FILMS

MAGNETIC FLUX
2307
UF MAGNETIC FIELD INTENSITY
GS FIELD STRENGTH
#MAGNETIC FLUX
RATES (PER TIME)
.FLUX (RATE)
.#MAGNETIC FLUX
RT BETA FACTOR
CONSTITUTIVE EQUATIONS
CURRENT SHEETS
FLUX PINNING
FLUX QUANTIZATION
FLUX TRANSFER EVENTS
FORCE-FREE MAGNETIC FIELDS
LINES OF FORCE
MAGNETIC FIELD RECONNECTION
PINNING

MAGNETIC FORMING
0802 2307 2402
GS FORMING TECHNIQUES
#MAGNETIC FORMING
METAL WORKING
#MAGNETIC FORMING
RT BULGING
COLD WORKING
DEEP DRAWING
ELECTROMAGNETIC HAMMERS
METAL DRAWING

MAGNETIC INDUCTION
2307 2311 2402
UF ELECTROMAGNETIC DEDUCTION
GS MAGNETIC PROPERTIES
#MAGNETIC INDUCTION
RT COUPLING COEFFICIENTS
FLUX (RATE)
INDUCTANCE
% INDUCTION
INDUCTION HEATING

MAGNETIC INDUCTION PROBES
USE MAGNETIC PROBES

MAGNETIC LENSES
2307
UF QUADRUPOLE LENSES
GS LENSES
#MAGNETIC LENSES
RT CATHODE RAY TUBES
ELECTRON BEAMS
ELECTRON GUNS
ELECTRON MICROSCOPES
ELECTRON MICROSCOPY
PLASMA GUNS
PLASMA JETS
SCANNING ELECTRON MICROSCOPY
TRANSMISSION ELECTRON MICROSCOPY
WIRE GRID LENSES

MAGNETIC LEVITATION VEHICLES
2305 2800
GS SURFACE VEHICLES
#MAGNETIC LEVITATION VEHICLES
RT LEVITATION
LIFT DEVICES
MASS DRIVERS
RAIL TRANSPORTATION
SUSPENSION SYSTEMS (VEHICLES)
% VEHICLES

MAGNETIC MATERIALS
2305 2307 2401
UF MAGNETIC METALS
GS #MAGNETIC MATERIALS
.FERRIMAGNETIC MATERIALS
.FERROMAGNETIC MATERIALS
..FERROFLUIDS

..FERROMAGNETIC FILMS
..MAGNETITE
..PERMALLOYS (TRADEMARK)
RT KONDO EFFECT
MAGNETS
% MATERIALS
PERMANENT MAGNETS

MAGNETIC MEASUREMENT
1308 1406 2307 3501
SN (MEASUREMENT OF MAGNETIC PROPERTIES, QUANTITIES OR CONDITIONS)
UF FLUXMETERS
MAGNETOMETRY
RT ELECTROMAGNETIC MEASUREMENT
MAGNETOMETERS
% MATERIALS TESTS
% MEASUREMENT
SQUID (DETECTORS)

MAGNETIC MEMORIES
USE MAGNETIC STORAGE

MAGNETIC METALS
USE MAGNETIC MATERIALS
METALS

MAGNETIC MIRRORS
2307 2502
GS MIRRORS
#MAGNETIC MIRRORS
..TANDEM MIRRORS
RT LINES OF FORCE
MIRROR FUSION
MIRROR POINT
NONUNIFORM MAGNETIC FIELDS
NUCLEAR FUSION
PLASMA CONTROL
PLASMA EQUILIBRIUM
Q DEVICES
SCYLLA
SPHEROMAKS

MAGNETIC MOMENTS
2307 2311 3408
GS MAGNETIC PROPERTIES
#MAGNETIC MOMENTS
MOMENTS
.DIPOLE MOMENTS
.#MAGNETIC MOMENTS
RT BOHR MAGNETON
ELECTRIC MOMENTS
LANGEVIN FORMULA
QUENCHING (ATOMIC PHYSICS)

MAGNETIC MONOPOLES
0603
GS MONOPOLES
#MAGNETIC MONOPOLES
PARTICLES
.ELEMENTARY PARTICLES
.#MAGNETIC MONOPOLES
RT QUANTUM THEORY

MAGNETIC PERMEABILITY
2307
UF MAGNETIC SUSCEPTIBILITY
SUSCEPTIBILITY (MAGNETISM)
GS MAGNETIC PROPERTIES
#MAGNETIC PERMEABILITY
RT CURIE-WEISS LAW
DIELECTRIC PERMEABILITY
HYSTERESIS
NEEL TEMPERATURE
RELUCTANCE

MAGNETIC PISTONS
0904 2307
GS PISTONS
#MAGNETIC PISTONS
RT HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
SHOCK TUBES
SHOCK WAVE GENERATORS

MAGNETIC POLES
2307
RT AURORAL ZONES
% DIPOLES
GEOMAGNETISM
POLARITY
% POLES

MAGNETIC PROBES
0710 1302 2307 3108
UF MAGNETIC INDUCTION PROBES
GS MEASURING INSTRUMENTS
#MAGNETIC PROBES
RT MAGNETOMETERS
RESONANCE PROBES
SPACE PROBES

MAGNETIC PROPERTIES
2307 2311 3408
GS #MAGNETIC PROPERTIES
.ANTIFERROMAGNETISM
.BIOMAGNETISM
.CURIE TEMPERATURE
.DIAMAGNETISM
.FERRIMAGNETISM
.FERROMAGNETISM
.GEOMAGNETISM
.GYROMAGNETISM
..GYROFREQUENCY
.MAGNETIC EFFECTS
..MAGNETIC RIGIDITY
.MAGNETIC INDUCTION
.MAGNETIC MOMENTS
.MAGNETIC PERMEABILITY
.MAGNETIC RELAXATION
..SPIN-LATTICE RELAXATION
.MAGNETIC SUSPENSION
.MAGNETOACOUSTICS
.MAGNETOACTIVITY
..FLUX TRANSFER EVENTS
..MAGNETIC FIELD RECONNECTION
..MAGNETORESISTIVITY
.MAGNETOSTRICTION
.PALEOMAGNETISM
.PARAMAGNETISM
.POLARIZATION CHARACTERISTICS
.RELUCTANCE
.REMANENCE
.THERMOMAGNETIC EFFECTS
RT COERCIVITY
CURIE-WEISS LAW
DIPOLE MOMENTS
EDDY CURRENTS
ELECTRICAL PROPERTIES
ELECTROMAGNETIC PROPERTIES
ELECTROMAGNETISM
FERRITIC STAINLESS STEELS
FIELD STRENGTH
HYSTERESIS
INDUCTANCE
KP INDEX
LINES OF FORCE
MAGNETIZATION
MAGNETOMECHANICS (PHYSICS)
MAGNETS
MAXWELL EQUATION
% PHYSICAL PROPERTIES
POLARIZATION (SPIN ALIGNMENT)
% PROPERTIES
% SOLID STATE PHYSICS
SPIN GLASS

MAGNETIC PUMPING
0710 2307 2402
RT ELECTRON CYCLOTRON HEATING
INDUCTION HEATING
ION CYCLOTRON RADIATION
KINETIC HEATING
PLASMA HEATING

```
    % PUMPING

MAGNETIC RECORDING
  0905 2305 2307 9001
  UF   MAGNETIC TAPE RECORDERS
  GS   RECORDING
       #MAGNETIC RECORDING
  RT   BUBBLE MEMORY DEVICES
       DATA RECORDING
       RECORDING HEADS

MAGNETIC RELAXATION
  2305 2307 2311
  GS   MAGNETIC PROPERTIES
       #MAGNETIC RELAXATION
       ..SPIN-LATTICE RELAXATION
  RT   RELAXATION (MECHANICS)

MAGNETIC RESONANCE
  1411 2305 2307 2405
  GS   RESONANCE
       #MAGNETIC RESONANCE
       ..FERROMAGNETIC RESONANCE
       ..NUCLEAR MAGNETIC RESONANCE
       ...PROTON MAGNETIC RESONANCE
       ...PROTON RESONANCE
       ..PARAMAGNETIC RESONANCE
       ...ELECTRON PARAMAGNETIC RESONANCE
  RT   NUCLEAR SPIN
       OVERHAUSER EFFECT
       SPECTRUM ANALYSIS

MAGNETIC RIGIDITY
  2307 2311
  UF   GYROINTERACTION
  GS   MAGNETIC PROPERTIES
       .MAGNETIC EFFECTS
       .#MAGNETIC RIGIDITY
  RT   ELECTRON TRAJECTORIES
       IONOSPHERIC DRIFT
       PARTICLE MASS
       PARTICLE MOTION
    % RIGIDITY

MAGNETIC SHIELDING
  0904 2307 2311
  GS   SHIELDING
       #MAGNETIC SHIELDING
  RT   ELECTROMAGNETIC SHIELDING
       MAGNETOMETERS
       RADIATION SHIELDING

MAGNETIC SIGNALS
  2303 2307 2402
  RT   NUCLEAR MAGNETIC RESONANCE
       SIGNAL MIXING
    % SIGNALS

MAGNETIC SIGNATURES
  2307
  UF   MAGNETOGRAMS
  GS   SIGNATURES
       #MAGNETIC SIGNATURES
  RT   PATTERN REGISTRATION

MAGNETIC SPECTROSCOPY
  1411 2307
  GS   SPECTROSCOPY
       #MAGNETIC SPECTROSCOPY
  RT   GAS SPECTROSCOPY
       MASS SPECTROSCOPY
       SPECTROSCOPIC ANALYSIS
       VACUUM SPECTROSCOPY

MAGNETIC STARS
  3001 3009
  GS   CELESTIAL BODIES
       .STARS
       .#MAGNETIC STARS
  RT   PECULIAR STARS

MAGNETIC STORAGE
  0802 2307
  UF   MAGNETIC MEMORIES
  GS  #MAGNETIC STORAGE
       .BUBBLE MEMORY DEVICES
       .CORE STORAGE
       .MAGNETIC DISKS
       .MAGNETIC DRUMS
  RT   COMPUTER STORAGE DEVICES
       DATA RECORDING
       DATA STORAGE
    % DRUMS
       PARAMETRONS
    % STORAGE
       VIRTUAL MEMORY SYSTEMS

MAGNETIC STORMS
  0710 1302 2307 3009
  UF   GEOMAGNETIC STORMS
       MAGNETIC SUBSTORMS
  GS   MAGNETIC DISTURBANCES
       #MAGNETIC STORMS
       STORMS
       #MAGNETIC STORMS
  RT   BIRKELAND CURRENTS
       DAWN CHORUS
       FORBUSH DECREASES
       NOISE STORMS
       SOLAR STORMS
       SOLAR TERRESTRIAL INTERACTIONS
       SPREAD F
       SUDDEN IONOSPHERIC DISTURBANCES
       SUDDEN STORM COMMENCEMENTS

MAGNETIC SUBSTORMS
  USE  MAGNETIC STORMS

MAGNETIC SURVEYS
  1401 2307
  UF   MAGNETOTELLURIC PROFILING
  RT   AEROMAGNETISM
       GEOMAGNETISM

MAGNETIC SUSCEPTIBILITY
  USE  MAGNETIC PERMEABILITY

MAGNETIC SUSPENSION
  2307 2311
  GS   MAGNETIC PROPERTIES
       #MAGNETIC SUSPENSION
       SUSPENDING (HANGING)
       #MAGNETIC SUSPENSION
  RT   ANNULAR SUSPENSION AND POINTING
       SYSTEM
       LEVITATION MELTING
       MAGNETIC BEARINGS

MAGNETIC SWITCHING
  0902 0904 2301
  GS   SWITCHING
       #MAGNETIC SWITCHING
  RT   ANTIFERROMAGNETISM
       BEAM SWITCHING
       BUBBLE MEMORY DEVICES
       SATURABLE REACTORS

MAGNETIC TAPE RECORDERS
  USE  MAGNETIC RECORDING
       TAPE RECORDERS

MAGNETIC TAPE TRANSPORTS
  0801 0903 0905 1504
  GS   MECHANICAL DRIVES
       #MAGNETIC TAPE TRANSPORTS
  RT   TAPE RECORDERS

MAGNETIC TAPES
  0802 9001
  GS   COMPUTER STORAGE DEVICES
       #MAGNETIC TAPES
       ..COMPUTER COMPATIBLE TAPES
  RT   AUDIO TAPES
       PERIPHERAL EQUIPMENT (COMPUTERS)
       PLASTIC TAPES
```

PLAYBACKS
PUNCHED TAPES
READERS
RECORDING HEADS
REELS
TAPE RECORDERS
% TAPES
VIDEO TAPES

MAGNETIC TRANSDUCERS
1413 2307 3501
GS TRANSDUCERS
#MAGNETIC TRANSDUCERS
RT ELECTROMAGNETIC MEASUREMENT
ELECTRONIC TRANSDUCERS
MICROPHONES

MAGNETIC VARIATIONS
1307 2307 2402
GS VARIATIONS
#MAGNETIC VARIATIONS
..GEOMAGNETIC PULSATIONS
...GEOMAGNETIC MICROPULSATIONS
..NOCTURNAL VARIATIONS
RT AEROMAGNETISM
ANNUAL VARIATIONS
DIURNAL VARIATIONS
IONOSPHERIC DISTURBANCES
KP INDEX
SCYLLA
TRAVELING IONOSPHERIC DISTURBANCES

MAGNETICALLY TRAPPED PARTICLES
2307 2403 2502
GS PARTICLES
.CHARGED PARTICLES
.#MAGNETICALLY TRAPPED PARTICLES
...RADIATION BELTS
....ARTIFICIAL RADIATION BELTS
....INNER RADIATION BELT
....OUTER RADIATION BELT
....PROTON BELTS
.TRAPPED PARTICLES
.#MAGNETICALLY TRAPPED PARTICLES
...RADIATION BELTS
....ARTIFICIAL RADIATION BELTS
....INNER RADIATION BELT
....OUTER RADIATION BELT
....PROTON BELTS
RT PLASMA CONTROL
TRAPPED MAGNETIC FIELDS

MAGNETITE
1703 1804 1806 2305 2307
GS CHALCOGENIDES
.OXIDES
..METAL OXIDES
...IRON OXIDES
...#MAGNETITE
IRON COMPOUNDS
.IRON OXIDES
.#MAGNETITE
MAGNETIC MATERIALS
.FERROMAGNETIC MATERIALS
.#MAGNETITE
MINERALS
#MAGNETITE

MAGNETIZATION
2307
UF REMAGNETIZATION
RT COERCIVITY
MAGNETIC DISPERSION
MAGNETIC FIELDS
MAGNETIC PROPERTIES
MAGNETOMECHANICS (PHYSICS)
MAGNETS
MAGNONS
% POLARIZATION
POLARIZATION (CHARGE SEPARATION)
POLARIZATION (SPIN ALIGNMENT)

MAGNETO-OPTICS
2306 2307 2310
RT ACOUSTO-OPTICS
ELECTRO-OPTICS
ELECTROMAGNETIC RADIATION
FARADAY EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETIC FIELDS
OPTICAL SWITCHING
% OPTICS
POLARIZATION (WAVES)
POLARIZED ELECTROMAGNETIC RADIATION

MAGNETOACOUSTIC WAVES
2301 2307 2308
GS ELASTIC WAVES
.MAGNETOELASTIC WAVES
.#MAGNETOACOUSTIC WAVES
RT MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES

MAGNETOACOUSTICS
2301 2307 2308
GS ACOUSTICS
#MAGNETOACOUSTICS
MAGNETIC PROPERTIES
#MAGNETOACOUSTICS

MAGNETOACTIVITY
2307 2311
GS MAGNETIC PROPERTIES
#MAGNETOACTIVITY
..FLUX TRANSFER EVENTS
..MAGNETIC FIELD RECONNECTION
..MAGNETORESISTIVITY
RT MAGNETIC EFFECTS
MAGNETIC FIELDS

MAGNETOCARDIOGRAPHY
0501 2307
GS BIOENGINEERING
.BIOMETRICS
..CARDIOGRAPHY
..#MAGNETOCARDIOGRAPHY
RT BIOINSTRUMENTATION

MAGNETOELASTIC VIBRATIONS
USE MAGNETOELASTIC WAVES

MAGNETOELASTIC WAVES
2301 2307 3203
UF MAGNETOELASTIC VIBRATIONS
GS ELASTIC WAVES
#MAGNETOELASTIC WAVES
..MAGNETOACOUSTIC WAVES
RT ELECTROSTATIC WAVES
MAGNETOSONIC RESONANCE
MAGNETOSPHERIC INSTABILITY
MAGNETOSTRICTION
PLASMA WAVES
SOUND WAVES
ULTRASONIC RADIATION

MAGNETOELASTICITY
USE MAGNETOSTRICTION

MAGNETOELECTRIC MEDIA
1704 2304 2305 2307 2402
RT DIELECTRICS
MAGNETOIONICS
MAXWELL EQUATION
MECHANICAL DRIVES

MAGNETOGASDYNAMICS
USE MAGNETOHYDRODYNAMICS

MAGNETOGRAMS
USE MAGNETIC SIGNATURES

MAGNETOHYDRODYNAMIC ACCELERATION
USE PLASMA ACCELERATION

MAGNETOHYDRODYNAMIC FLOW

1204 2307 2502
UF HYDROMAGNETIC FLOW
PLASMA FLOW
GS FLUID FLOW
#MAGNETOHYDRODYNAMIC FLOW
RT COMPRESSIBLE FLOW
CORE FLOW
GAS FLOW
GEOMAGNETIC HOLLOW
HARTMANN FLOW
KELVIN-HELMHOLTZ INSTABILITY
LINE CURRENT
MAGNETOHYDRODYNAMICS
PLASMA FLUX MEASUREMENT
PLASMA TURBULENCE
PLASMAS (PHYSICS)
REVERSE FIELD PINCH
SCREW PINCH
SOLAR WIND VELOCITY
TRANSVERSE WAVES
TWO FLUID MODELS

MAGNETOHYDRODYNAMIC GENERATORS
2307 2501 2502
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
.#MAGNETOHYDRODYNAMIC GENERATORS
RT FUEL CELLS
% GENERATORS
MAGNETOHYDRODYNAMICS
PLASMA ACCELERATORS
PLASMA GENERATORS
THERMIONIC CONVERTERS
THERMOELECTRIC GENERATORS

MAGNETOHYDRODYNAMIC SHEAR HEATING
0710 1204 2301 2307 2308 2501 2502
3303
GS HEATING
#MAGNETOHYDRODYNAMIC SHEAR HEATING
RT PLASMA HEATING
PLASMA SHEATHS
SHOCK HEATING
VISCOUS FLOW

MAGNETOHYDRODYNAMIC STABILITY
1204 2307 2502 3408
UF HYDROMAGNETIC STABILITY
PLASMA INSTABILITY
PLASMA STABILITY
GS DYNAMIC CHARACTERISTICS
.DYNAMIC STABILITY
..MOTION STABILITY
...FLOW STABILITY
...#MAGNETOHYDRODYNAMIC STABILITY
.....WEIBEL INSTABILITY
.FLOW CHARACTERISTICS
..FLOW STABILITY
..#MAGNETOHYDRODYNAMIC STABILITY
....WEIBEL INSTABILITY
STABILITY
.DYNAMIC STABILITY
..MOTION STABILITY
...FLOW STABILITY
...#MAGNETOHYDRODYNAMIC STABILITY
.....WEIBEL INSTABILITY
RT BALLOONING MODES
BETA FACTOR
ELASTIC WAVES
ELLIPTICAL PLASMAS
FORCE-FREE MAGNETIC FIELDS
HELICAL FLOW
KELVIN-HELMHOLTZ INSTABILITY
MAGNETOHYDRODYNAMICS
MAGNETOHYDROSTATICS
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
PLASMA CONDUCTIVITY
PLASMA COOLING
PLASMA DECAY
PLASMA DRIFT
PLASMA EQUILIBRIUM
PLASMA LIFETIME
PLASMA LOSS
PLASMA PINCH
PLASMA POTENTIALS
PLASMA SLABS
PLASMA TEMPERATURE
PLASMA TURBULENCE
PLASMAS (PHYSICS)
PLASMONS
SPACE PLASMAS
STRONGLY COUPLED PLASMAS
THERMAL INSTABILITY
ZETA PINCH

MAGNETOHYDRODYNAMIC TURBULENCE
1204 2307 2502
GS TURBULENCE
#MAGNETOHYDRODYNAMIC TURBULENCE
..PLASMA TURBULENCE
RT HOMOGENEOUS TURBULENCE
ISOTROPIC TURBULENCE

MAGNETOHYDRODYNAMIC WAVES
1204 2307 2402 2502
UF ALFVEN WAVES
HYDROMAGNETIC WAVES
PLASMA SOUND WAVES
GS ELASTIC WAVES
#MAGNETOHYDRODYNAMIC WAVES
..PLASMA WAVES
...ELECTROSTATIC WAVES
RT MAGNETOACOUSTIC WAVES
MAGNETOHYDRODYNAMICS
NORMAL SHOCK WAVES
OBLIQUE SHOCK WAVES
SHOCK WAVES
WAVE-PARTICLE INTERACTIONS

MAGNETOHYDRODYNAMICS
1202 2304 2305 2307 2502 3009
UF GEOMETRICAL HYDROMAGNETICS
HYDROMAGNETICS
HYDROMAGNETISM
MAGNETOGASDYNAMICS
GS FLUID MECHANICS
.FLUID DYNAMICS
..HYDRODYNAMICS
..#MAGNETOHYDRODYNAMICS
.HYDROMECHANICS
..HYDRODYNAMICS
..#MAGNETOHYDRODYNAMICS
RT ALPHA PLASMA DEVICES
CONDUCTING FLUIDS
% DYNAMICS
ELECTRIC ARCS
ELECTROHYDRODYNAMICS
GAS DYNAMICS
GAS TRANSPORT
HALL ACCELERATORS
HALL EFFECT
HARTMANN FLOW
HARTMANN NUMBER
IONIZATION
MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMIC GENERATORS
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMIC WAVES
MAGNETOHYDROSTATICS
MAGNETOIONICS
MAGNETOSONIC RESONANCE
PINCH EFFECT
PLASMA CURRENTS
PLASMA DYNAMICS
PLASMA PHYSICS
PLASMA PROPULSION
PLASMAS (PHYSICS)
SPACE CHARGE
SPACE MECHANICS
SPACE PLASMAS
STELLAR ACTIVITY
STELLARATORS
THERMONUCLEAR REACTIONS
URANIUM PLASMAS

WAVE-PARTICLE INTERACTIONS

MAGNETOHYDROSTATICS
1204 2307 2502
GS FLUID MECHANICS
.HYDROMECHANICS
..HYDROSTATICS
..#MAGNETOHYDROSTATICS
STATICS
.HYDROSTATICS
.#MAGNETOHYDROSTATICS
RT MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMICS
MAGNETOIONICS
PLASMA PHYSICS
STATIC STABILITY

MAGNETOIONIC PLASMA
USE PLASMAS (PHYSICS)

MAGNETOIONICS
2304 2307 2502
RT ELECTROMAGNETIC WAVE TRANSMISSION
ELLIPTICAL POLARIZATION
GEOMAGNETISM
GYROFREQUENCY
IONOSPHERIC PROPAGATION
MAGNETOELECTRIC MEDIA
MAGNETOHYDRODYNAMICS
MAGNETOHYDROSTATICS
PLASMAS (PHYSICS)
RADIO TRANSMISSION

MAGNETOMECHANICS (PHYSICS)
2307
RT MAGNETIC PROPERTIES
MAGNETIZATION
% PHYSICS

MAGNETOMETERS
1406 2307 3501
UF GAUSSMETERS
GS MEASURING INSTRUMENTS
#MAGNETOMETERS
..VARIOMETERS
RT ELECTRICAL MEASUREMENT
FIELD INTENSITY METERS
GEOMAGNETISM
% GRADIOMETERS
MAGNETIC MEASUREMENT
MAGNETIC PROBES
MAGNETIC SHIELDING
MAGSAT A SATELLITE
MAGSAT B SATELLITE
MAGSAT SATELLITES
MAGSAT 1 SATELLITE
NUCLEAR MAGNETIC RESONANCE
PROTON MASERS

MAGNETOMETRY
USE MAGNETIC MEASUREMENT

MAGNETOPAUSE
1203 1302 1307 2307 3009
GS ENVIRONMENTS
.EARTH MAGNETOSPHERE
.#MAGNETOPAUSE
RT CHAPMAN-FERRARO PROBLEM
FLUX TRANSFER EVENTS
MAGNETOSHEATH
MAGNETOSPHERIC INSTABILITY
PLANETARY MAGNETOTAILS
POLAR CUSPS
SATELLITE ATMOSPHERES
SOLAR WIND

MAGNETOPLASMADYNAMICS
2302
RT MAGNETIC FIELDS
PLASMA DENSITY
PLASMA PROPULSION
ROCKET ENGINES
SPACECRAFT PROPULSION

MAGNETOPLASMAS
USE PLASMAS (PHYSICS)

MAGNETORESISTIVITY
1703 2304 2307
GS ELECTRICAL PROPERTIES
.ELECTRICAL RESISTIVITY
.#MAGNETORESISTIVITY
ELECTROMAGNETIC PROPERTIES
#MAGNETORESISTIVITY
MAGNETIC PROPERTIES
.MAGNETOACTIVITY
.#MAGNETORESISTIVITY
TRANSPORT PROPERTIES
.ELECTRICAL RESISTIVITY
.#MAGNETORESISTIVITY
RT % CONDUCTIVITY
ELECTROMAGNETISM
FERMI SURFACES
MAGNETIC FIELDS
RELUCTANCE
% RESISTANCE

MAGNETOSHEATH
1302 1307 1308 3009
GS ENVIRONMENTS
.EARTH MAGNETOSPHERE
.#MAGNETOSHEATH
RT BOW WAVES
EARTH ENVIRONMENT
GEOMAGNETISM
MAGNETOPAUSE
PLASMA SHEATHS
SHOCK FRONTS
SOLAR PLANETARY INTERACTIONS
SOLAR TERRESTRIAL INTERACTIONS
SOLAR WIND

MAGNETOSONIC RESONANCE
2301 2307 3408
GS RESONANCE
#MAGNETOSONIC RESONANCE
RT MAGNETOELASTIC WAVES
MAGNETOHYDRODYNAMICS

MAGNETOSPHERE-IONOSPHERE COUPLING
1302 1307 3009
UF IONOSPHERE-MAGNETOSPHERE COUPLING
GS COUPLING
#MAGNETOSPHERE-IONOSPHERE COUPLING
RT AERONOMY
ATMOSPHERIC PHYSICS
COUPLED MODES
EARTH IONOSPHERE
EARTH MAGNETOSPHERE
ELECTROMAGNETIC COUPLING
FLUX TRANSFER EVENTS
% IONOSPHERES
MAGNETIC FIELD RECONNECTION
MAGNETOSPHERIC INSTABILITY
PLANETARY IONOSPHERES

% MAGNETOSPHERES
1302 1307 2003 2307 3009
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT COMETARY MAGNETOSPHERES
EARTH MAGNETOSPHERE
PLANETARY MAGNETOSPHERES
PULSAR MAGNETOSPHERES
STELLAR MAGNETOSPHERES

MAGNETOSPHERIC ELECTRON DENSITY
1302 1307 2304 2307 3009
GS DENSITY (NUMBER/VOLUME)
.PARTICLE DENSITY (CONCENTRATION)
..ELECTRON DENSITY (CONCENTRATION)
..#MAGNETOSPHERIC ELECTRON DENSITY
RT ATMOSPHERIC DENSITY
IONOSPHERIC ELECTRON DENSITY

PLASMA DENSITY

MAGNETOSPHERIC INSTABILITY
1203 1302 1307 2307
GS STABILITY
#MAGNETOSPHERIC INSTABILITY
RT GEOMAGNETIC PULSATIONS
MAGNETOELASTIC WAVES
MAGNETOPAUSE
MAGNETOSPHERE-IONOSPHERE COUPLING

MAGNETOSPHERIC ION DENSITY
1302 1307 2304 2307 3009
GS DENSITY (NUMBER/VOLUME)
.PARTICLE DENSITY (CONCENTRATION)
..ION DENSITY (CONCENTRATION)
..#MAGNETOSPHERIC ION DENSITY
....MAGNETOSPHERIC PROTON DENSITY
RT ATMOSPHERIC DENSITY
IONOSPHERIC ION DENSITY
PLASMA DENSITY
POSITIVE IONS

MAGNETOSPHERIC PROTON DENSITY
1302 1307 2307 2403 3009
GS DENSITY (NUMBER/VOLUME)
.PARTICLE DENSITY (CONCENTRATION)
..ION DENSITY (CONCENTRATION)
...MAGNETOSPHERIC ION DENSITY
...#MAGNETOSPHERIC PROTON DENSITY
...PROTON DENSITY (CONCENTRATION)
...#MAGNETOSPHERIC PROTON DENSITY
RT ATMOSPHERIC DENSITY
PLASMA DENSITY

MAGNETOSTATIC AMPLIFIERS
0701 0905 2307
GS AMPLIFIERS
#MAGNETOSTATIC AMPLIFIERS
RT GADOLINIUM-GALLIUM GARNET
MAGNETIC AMPLIFIERS
PARAMETRIC AMPLIFIERS
TRAVELING WAVE TUBES
YTTRIUM-ALUMINUM GARNET
YTTRIUM-IRON GARNET

MAGNETOSTATIC FIELDS
1307 2307 2403
GS MAGNETIC FIELDS
#MAGNETOSTATIC FIELDS
RT FIELD THEORY (PHYSICS)
LINES OF FORCE

MAGNETOSTATICS
2307
GS ELECTROMAGNETISM
#MAGNETOSTATICS
RT ELECTROSTATICS
FLUX (RATE)
MAGNETIC FIELDS

MAGNETOSTRICTION
2305 2307
UF MAGNETOELASTICITY
GS MAGNETIC PROPERTIES
#MAGNETOSTRICTION
MECHANICAL PROPERTIES
.ELASTIC PROPERTIES
.#MAGNETOSTRICTION
RT ELECTROSTRICTION
MAGNETOELASTIC WAVES

% MAGNETOTAILS
1307 2307 3009
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED-CONSULT TERMS LISTED BELOW)
RT GEOMAGNETIC TAIL
PLANETARY MAGNETOTAILS

MAGNETOTELLURIC PROFILING
USE MAGNETIC SURVEYS

MAGNETOVARIOGRAPHS
USE VARIOMETERS

MAGNETRON SPUTTERING
0709
GS SPUTTERING
#MAGNETRON SPUTTERING
RT DEPOSITION
METAL COATINGS

MAGNETRONS
0701 0905
GS ELECTRON TUBES
.VACUUM TUBES
..MICROWAVE TUBES
..#MAGNETRONS
....NIGOTRONS
MICROWAVE EQUIPMENT
.MICROWAVE OSCILLATORS
.#MAGNETRONS
...NIGOTRONS
.MICROWAVE TUBES
.#MAGNETRONS
...NIGOTRONS
OSCILLATORS
.MICROWAVE OSCILLATORS
.#MAGNETRONS
...NIGOTRONS
RT CAVITY RESONATORS
CROSSED FIELD AMPLIFIERS
CROSSED FIELDS
ELECTROSTATIC GENERATORS
KLYSTRONS
MULTIMODE RESONATORS
PLANOTRONS
RESONATORS
TRAVELING WAVE TUBES

MAGNETS
0801 0904 1504 1701 2307
GS #MAGNETS
.CRYOGENIC MAGNETS
.ELECTROMAGNETS
..HIGH FIELD MAGNETS
..SUPERCONDUCTING MAGNETS
.FERRIMAGNETS
.PERMANENT MAGNETS
.WIGGLER MAGNETS
RT ELECTRETS
FERROMAGNETIC MATERIALS
FERROMAGNETISM
MAGNET COILS
MAGNETIC CORES
MAGNETIC FIELDS
MAGNETIC MATERIALS
MAGNETIC PROPERTIES
MAGNETIZATION
PERMALLOYS (TRADEMARK)

MAGNIFICATION
2306 2310 2402
UF MAGNIFIERS
RT AMPLIFICATION
INCREASING
LENSES
% PROJECTION

MAGNIFIERS
USE MAGNIFICATION

MAGNITUDE
1902 3408
GS #MAGNITUDE
.STELLAR MAGNITUDE
RT AMPLITUDES
DIMENSIONS
DISPLACEMENT
% INTENSITY
LEVEL (QUANTITY)

MAGNONS
2305 2307 2309

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  UF   SPIN WAVES
  GS   ELEMENTARY EXCITATIONS
       #MAGNONS
  RT   ANTIFERROMAGNETISM
       FERRIMAGNETISM
       FERROMAGNETISM
       MAGNETIZATION
       PLASMONS

MAGNUS EFFECT
  1202 1203 2308 3203
  RT   BERNOULLI THEOREM
       BOUNDARY LAYER FLOW
     % EFFECTS
       FLUID DYNAMICS
       FLUID FLOW
       MISSILE DESIGN
       ROTATING CYLINDERS

MAGSAT A SATELLITE
  1307
  GS   ARTIFICIAL SATELLITES
       .SCIENTIFIC SATELLITES
       ..MAGSAT SATELLITES
       ..#MAGSAT A SATELLITE
  RT   GEOMAGNETISM
       MAGNETOMETERS

MAGSAT B SATELLITE
  1307
  GS   ARTIFICIAL SATELLITES
       .SCIENTIFIC SATELLITES
       ..MAGSAT SATELLITES
       ..#MAGSAT B SATELLITE
  RT   GEOMAGNETISM
       MAGNETOMETERS

MAGSAT SATELLITES
  3107
  GS   ARTIFICIAL SATELLITES
       .SCIENTIFIC SATELLITES
       .#MAGSAT SATELLITES
       ...MAGSAT A SATELLITE
       ...MAGSAT B SATELLITE
       ...MAGSAT 1 SATELLITE
  RT   GEOMAGNETISM
       MAGNETOMETERS

MAGSAT 1 SATELLITE
  3107
  GS   ARTIFICIAL SATELLITES
       .SCIENTIFIC SATELLITES
       ..MAGSAT SATELLITES
       ..#MAGSAT 1 SATELLITE
  RT   GEOMAGNETISM
       MAGNETOMETERS

MAIN SEQUENCE STARS
  3001 3009
  GS   CELESTIAL BODIES
       .STARS
       .#MAIN SEQUENCE STARS
       ...DWARF STARS
       ....DWARF NOVAE
       ....FLARE STARS
       ....RED DWARF STARS
       ...SUN
  RT   COLOR-MAGNITUDE DIAGRAM
       EARLY STARS
       F STARS
       G STARS
       GIANT STARS
       K STARS
       LATE STARS
       M STARS
       PRE-MAIN SEQUENCE STARS
       STELLAR EVOLUTION
       STELLAR MASS
       SUBDWARF STARS
       SUBGIANT STARS

MAINE
  1305
  GS   NATIONS
       .UNITED STATES
       .#MAINE
  RT   ST LAWRENCE VALLEY (NORTH AMERICA)

MAINTAINABILITY
  3404 3406 3408
  RT   DESIGN ANALYSIS
       MAINTENANCE
       RELIABILITY

MAINTENANCE
  0502 1505 3406
  UF   REPAIRING
       TROUBLESHOOTING
  GS  #MAINTENANCE
       .AIRCRAFT MAINTENANCE
       .FILE MAINTENANCE (COMPUTERS)
       .SPACE MAINTENANCE
       .SPACECRAFT MAINTENANCE
  RT   CHECKOUT
       CONSTRUCTION
       DAMAGE ASSESSMENT
       DOWNTIME
       EQUIPMENT SPECIFICATIONS
       FAULT DETECTION
     % FIXING
       GROUND CREWS
       GROUND SUPPORT EQUIPMENT
       INSTALLING
       LOGISTICS
       LOGISTICS MANAGEMENT
       LUBRICANTS
       LUBRICATION
       MAINTAINABILITY
       MANUALS
       MECHANICAL ENGINEERING
       OPERATING COSTS
       RELIABILITY
       REPLACING
       SELF REPAIRING DEVICES
       SERVICE LIFE
       SHIPYARDS
       SHOPS
       SPARE PARTS
       SPECIFICATIONS

MAINTENANCE TRAINING
  3406
  GS   EDUCATION
       #MAINTENANCE TRAINING

MAJORITY CARRIERS
  1002 2302 2602
  GS   CHARGE CARRIERS
       #MAJORITY CARRIERS
  RT   ADDITIVES
       BIPOLAR TRANSISTORS
       CARRIER INJECTION
       ELECTRON MOBILITY
       ELECTRONS
       HOLES (ELECTRON DEFICIENCIES)
       SEMICONDUCTORS (MATERIALS)

MALAGASY REPUBLIC
  USE  MADAGASCAR

MALAWI
  1305
  GS   NATIONS
       #MALAWI
  RT   AFRICA

MALAYA
  USE  MALAYSIA

MALAYSIA
  1305
  UF   MALAYA
  GS   NATIONS
       #MALAYSIA
  RT   ASIA
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MALDIVE ISLANDS
  1305
  GS    LANDFORMS
        .ISLANDS
        .#MALDIVE ISLANDS
        NATIONS
        #MALDIVE ISLANDS

MALEATES
  1808
  GS    ESTERS
        #MALEATES

MALES
  0402 0404
  RT    CHILDREN
        FEMALES
        HUMAN BEINGS
        SEX
        SEX FACTOR

MALFUNCTIONS
  1505 3110
  RT    ABORTED MISSIONS
        AIRCRAFT ACCIDENTS
        AIRCRAFT HAZARDS
        DOWNTIME
        ERRORS
        FAILURE
        SYSTEM FAILURES

MALI
  1305
  GS    NATIONS
        #MALI
  RT    AFRICA

MALKUS THEORY
  1902 1905 2308
  RT    STATISTICAL MECHANICS
     %  THEORIES

MALLEABILITY
  1701 1704
  GS    MECHANICAL PROPERTIES
        #MALLEABILITY
  RT    DUCTILITY
        METAL WORKING

MALONONITRILE
  1808
  GS    CYANIDES
        #MALONONITRILE
        NITRILES
        #MALONONITRILE

MALTA
  1305
  GS    LANDFORMS
        .ISLANDS
        .#MALTA
        NATIONS
        #MALTA
  RT    MEDITERRANEAN SEA

MAMMALS
  0402 0404
  GS    ANIMALS
        .VERTEBRATES
        .#MAMMALS
        ...BATS
        ...BEARS
        ...CATS
        ...CATTLE
        ....CALVES
        ...DEER
        ....CARIBOUS
        ...DOGS
        ...GOATS
        ...HORSES
        ...MARINE MAMMALS
        ....DOLPHINS
        ....MANATEES
        ....PORPOISES
        ....SEALS (ANIMALS)
        ....WHALES
        ...MOLES
        ...PRIMATES
        ....APES
        .....CHIMPANZEES
        ....BABOONS
        ....HUMAN BEINGS
        ....MONKEYS
        ...RODENTS
        ....GUINEA PIGS
        ....HAMSTERS
        ....MICE
        .....JERBOAS
        .....POCKET MICE
        ....RABBITS
        ....RATS
        ....SQUIRRELS
        .....GROUND SQUIRRELS
        ...SHEEP
        ...SWINE
        ...WOLVES
  RT    EARTH RESOURCES
        HOMEOTHERMS
        MAMMARY GLANDS

MAMMARY GLANDS
  0402 0404
  GS    ANATOMY
        .GLANDS (ANATOMY)
        .#MAMMARY GLANDS
  RT    MAMMALS

MAN
  USE   HUMAN BEINGS

MAN ENVIRONMENT INTERACTIONS
  0506 2001
  RT    CLIMATE CHANGE
        DESERTIFICATION
        ENVIRONMENT EFFECTS
        ENVIRONMENT MANAGEMENT
        HUMAN BEINGS
     %  INTERACTIONS
        INTERNATIONAL GEOSPHERE-BIOSPHERE
        PROGRAM
        RESOURCES

MAN MACHINE SYSTEMS
  0502 0503 0506 4001 9001
  GS   #MAN MACHINE SYSTEMS
        .HUMAN-COMPUTER INTERFACE
  RT    ASTRONAUT PERFORMANCE
     %  AUTOMATION
        BALANCING
        BIONICS
        BIOTECHNOLOGY
        COMPUTER SYSTEMS DESIGN
        CONSOLES
        CYBERNETICS
        DATA PROCESSING TERMINALS
        DEPERSONALIZATION
        DISPLAY DEVICES
     %  ENGINEERING
        HUMAN FACTORS ENGINEERING
        MANAGEMENT
        MECHANIZATION
        OFFICE AUTOMATION
        PILOT INDUCED OSCILLATION
        ROBOTICS
     %  SYSTEMS
        SYSTEMS ANALYSIS
        SYSTEMS ENGINEERING
        SYSTEMS MANAGEMENT
        TELEOPERATORS
        VIRTUAL REALITY
        WORKSTATIONS

MAN OPERATED PROPULSION SYSTEMS
  0502 2102 2807 2808 3104
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  UF    MOPS (PROPULSION SYSTEMS)
  GS    PROPULSION
        .LOW THRUST PROPULSION
        .#MAN OPERATED PROPULSION SYSTEMS
  RT    ASTRONAUT LOCOMOTION
        COMPRESSED AIR
        EXTRAVEHICULAR ACTIVITY
        GASEOUS ROCKET PROPELLANTS
        MANNED SPACE FLIGHT
        PILOT PERFORMANCE
        RETROROCKET ENGINES
      % SYSTEMS

MAN POWERED AIRCRAFT
  0201
  RT % AIRCRAFT
        HANG GLIDERS
        SOARING
        ULTRALIGHT AIRCRAFT
      % WINGED VEHICLES

MAN TENDED FREE FLYERS
  3104 3109 3110
  UF    MTFF (SPACE STATION)
  GS    ARTIFICIAL SATELLITES
        .SPACE STATIONS
        .#MAN TENDED FREE FLYERS
        MANNED SPACECRAFT
        #MAN TENDED FREE FLYERS
        SPACE PLATFORMS
        #MAN TENDED FREE FLYERS
        STATIONS
        .SPACE STATIONS
        .#MAN TENDED FREE FLYERS
  RT    COLUMBUS SPACE STATION
        EUROPEAN SPACE PROGRAMS
        ORBITAL SERVICING
        SPACE STATION PAYLOADS
        SPACEBORNE EXPERIMENTS
        SPACECRAFT MODULES

MAN-COMPUTER INTERFACE
  USE   HUMAN-COMPUTER INTERFACE

MANAGEMENT
  3404 3406 4001
  UF    ADMINISTRATION
  GS   #MANAGEMENT
        .CONFIGURATION MANAGEMENT
        .CONTRACT MANAGEMENT
        .DATA MANAGEMENT
        .ENVIRONMENT MANAGEMENT
        .FINANCIAL MANAGEMENT
        .INDUSTRIAL MANAGEMENT
        ..ENGINEERING MANAGEMENT
        ..INVENTORY MANAGEMENT
        ...INVENTORY CONTROLS
        ..PERSONNEL MANAGEMENT
        .INFORMATION MANAGEMENT
        ..RECORDS MANAGEMENT
        .LOGISTICS MANAGEMENT
        ..INVENTORY MANAGEMENT
        ...INVENTORY CONTROLS
        .MATRIX MANAGEMENT
        .PROCUREMENT MANAGEMENT
        .PRODUCTION MANAGEMENT
        .PROJECT MANAGEMENT
        .RESEARCH MANAGEMENT
        .RESOURCES MANAGEMENT
        ..FOREST MANAGEMENT
        ...REFORESTATION
        ..LAND MANAGEMENT
        .SAFETY MANAGEMENT
        .SYSTEMS MANAGEMENT
        .TERMINAL AREA ENERGY MANAGEMENT
        .TOTAL QUALITY MANAGEMENT
        .WATER MANAGEMENT
        .WEAPON SYSTEM MANAGEMENT
  RT    AUTONOMY
        CENTRAL ELECTRONIC MANAGEMENT
        SYSTEM
        COMMAND AND CONTROL
        CONTRACT NEGOTIATION
        COST ANALYSIS
        COST ESTIMATES
        COST INCENTIVES
        COST REDUCTION
        CYBERNETICS
        DECISION MAKING
        DECISIONS
      % DIRECTION
        ECONOMIC ANALYSIS
        ECONOMIC FACTORS
        EVALUATION
        FIDUCIARIES
        FORECASTING
        GERT
        INCENTIVE TECHNIQUES
        INCENTIVES
        INFORMATION FLOW
        MAN MACHINE SYSTEMS
        MARKETING
        MISSION PLANNING
        OPERATIONS RESEARCH
        PERFORMANCE PREDICTION
        PERSONNEL DEVELOPMENT
        PREJUDICES
        PROBLEM SOLVING
        PROCUREMENT POLICY
        PRODUCT DEVELOPMENT
        PRODUCTION ENGINEERING
        PROGRESS
        PROJECT PLANNING
      % RESEARCH PROJECTS
        STATISTICAL ANALYSIS
        SYSTEMS ENGINEERING

MANAGEMENT ANALYSIS
  3404 3406
  RT % ANALYZING
        COST ANALYSIS
        GERT
        PERT
        TRADEOFFS

MANAGEMENT INFORMATION SYSTEMS
  3405 3406
  GS    INFORMATION SYSTEMS
        #MANAGEMENT INFORMATION SYSTEMS
        MANAGEMENT SYSTEMS
        #MANAGEMENT INFORMATION SYSTEMS
  RT    COMPUTER TECHNIQUES
        DATA BASE MANAGEMENT SYSTEMS
        DATA RETRIEVAL
        DATA STORAGE
        DATA SYSTEMS
        INFORMATION RETRIEVAL
        INFORMATION THEORY
        RECORDS MANAGEMENT
      % SYSTEMS

MANAGEMENT METHODS
  3404 3406 4001
  GS   #MANAGEMENT METHODS
        .DELPHI METHOD (FORECASTING)
        .PATTERN METHOD (FORECASTING)
        .PROBE METHOD (FORECASTING)
        .PROFILE METHOD (FORECASTING)
  RT    COMPUTER TECHNIQUES
        COST REDUCTION
        CRITICAL PATH METHOD
        DECISION MAKING
        ESTIMATES
        FORECASTING
        GERT
        INCENTIVES
        MATRIX MANAGEMENT
      % METHODOLOGY
        NASA INTERACTIVE PLANNING SYSTEM
        OPERATIONS RESEARCH
        PERT
        RETRAINING
        STARSITE PROGRAM
        SYSTEMS MANAGEMENT
        TOTAL QUALITY MANAGEMENT
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MANAGEMENT PLANNING
  3404 3406 4001
  GS   PLANNING
       #MANAGEMENT PLANNING
       ..PRODUCTION PLANNING
       ..PROJECT PLANNING
  RT   CONSULTING
       COST ANALYSIS
       COST REDUCTION
       DECISION MAKING
     % DEVELOPMENT
       ECONOMY
       ESTIMATES
       FEASIBILITY ANALYSIS
       FINANCE
       FORECASTING
       GERT
       HUMAN RESOURCES
       INTERFACES
       LIFE CYCLE COSTS
       MEDIATION
       MISSION PLANNING
       OPERATIONS RESEARCH
       PERSONNEL MANAGEMENT
       PERT
       PROGRAM TREND LINE ANALYSIS
       PROJECT MANAGEMENT
       RESEARCH AND DEVELOPMENT
       SELECTIVE DISSEMINATION OF
       INFORMATION
       SYSTEMS ENGINEERING
       TRADEOFFS
       VALUE ENGINEERING

MANAGEMENT SYSTEMS
  3406
  GS  #MANAGEMENT SYSTEMS
       .FLIGHT MANAGEMENT SYSTEMS
       .MANAGEMENT INFORMATION SYSTEMS
  RT   COMPUTER TECHNIQUES
       INFORMATION SYSTEMS
       PROJECT MANAGEMENT
     % SYSTEMS

MANATEES
  0402
  GS   ANIMALS
       .VERTEBRATES
       ..MAMMALS
       ...MARINE MAMMALS
       ...#MANATEES

MANDELSTAM REPRESENTATION
  0705 0904 2304 2306 2309 2402 2601
  GS   MODELS
       .MATHEMATICAL MODELS
       .#MANDELSTAM REPRESENTATION
  RT   ELEMENTARY PARTICLE INTERACTIONS
       INELASTIC SCATTERING
       LORENTZ TRANSFORMATIONS
       NUCLEAR SCATTERING
       QUANTUM THEORY
       SCATTERING AMPLITUDE

MANDRELS
  1504
  RT   CORES
       MACHINE TOOLS
       MOLDS
       SHAFTS (MACHINE ELEMENTS)

MANEUVERABILITY
  0101 0201 2102 3110
  RT   AIR SLEW MISSILES
       AIRCRAFT CONTROL
       AIRCRAFT MANEUVERS
       AIRCRAFT PERFORMANCE
       CONTROLLABILITY
       FLIGHT CHARACTERISTICS
       FLIGHT CONTROL
       FLIGHT ENVELOPES
       HELICOPTER PERFORMANCE
       MANEUVERS
       SPACECRAFT MANEUVERS

MANEUVERABLE REENTRY BODIES
  3105 3110 3501
  GS   REENTRY VEHICLES
       #MANEUVERABLE REENTRY BODIES
       ..LIFTING REENTRY VEHICLES
       ...FDL-5 REENTRY VEHICLE
       ...HL-10 REENTRY VEHICLE
       ...HLD-35 REENTRY VEHICLE
       ...JANUS SPACECRAFT
       ...M-2 LIFTING BODY
       ....M-2F2 LIFTING BODY
       ...X-20 AIRCRAFT
       ...X-24 AIRCRAFT
  RT % BODIES

MANEUVERABLE SPACECRAFT
  3104 3110 3502
  GS  #MANEUVERABLE SPACECRAFT
       .AEROSPACE PLANES
       ..HOTOL LAUNCH VEHICLE
       ..X-30 VEHICLE
       .APOLLO SPACECRAFT
       ..APOLLO LUNAR EXPERIMENT MODULE
       .ASTRO VEHICLE
       .EVASIVE SATELLITES
       .FERRY SPACECRAFT
       .JANUS SPACECRAFT
       .RENDEZVOUS SPACECRAFT
       .X-20 AIRCRAFT
  RT   ARTIFICIAL SATELLITES
       INTERPLANETARY SPACECRAFT
       LANDING MODULES
       LUNAR LANDING MODULES
       LUNAR PROBES
       LUNAR SATELLITES
       MANNED SPACECRAFT
       MARS (MANNED REUSABLE SPACECRAFT)
       RECOVERABLE SPACECRAFT
       REENTRY VEHICLES
       SPACE PROBES
     % SPACECRAFT
       SPACECRAFT MANEUVERS
       THRUST VECTOR CONTROL

MANEUVERS
  0201 2102 3004 3007 3102
  GS  #MANEUVERS
       .AIRCRAFT MANEUVERS
       .EVASIVE ACTIONS
       .HOVERING
       .ORBITAL RENDEZVOUS
       ..EARTH ORBITAL RENDEZVOUS
       ..LUNAR ORBITAL RENDEZVOUS
       .SIDESLIP
       .SPACECRAFT DOCKING
       .SPACECRAFT MANEUVERS
       ..ORBITAL MANEUVERS
  RT   AEROBATICS
       AIRCRAFT SPIN
       FLIGHT CONTROL
       LANDING
       MANEUVERABILITY
       MINOR CIRCLE TURNING FLIGHT
       SELF MANEUVERING UNITS
       TAKEOFF
       TURNING FLIGHT

MANGANESE
  0603 1703
  GS   CHEMICAL ELEMENTS
       #MANGANESE
       ..MANGANESE ISOTOPES
       METALS
       .TRANSITION METALS
       .#MANGANESE
       ...MANGANESE ISOTOPES
  RT   STRATEGIC MATERIALS

MANGANESE ALLOYS
```

```
  1701 1704
  GS   ALLOYS
       #MANGANESE ALLOYS
       ..MANGANIN (TRADEMARK)

MANGANESE COMPOUNDS
  0603
  GS  #MANGANESE COMPOUNDS
       .MANGANESE OXIDES
       ..HOPCALITE (TRADEMARK)
       .MANGANESE PHOSPHIDES
       .PERMANGANATES
  RT % CHEMICAL COMPOUNDS
     % GROUP 7B COMPOUNDS
     % METAL COMPOUNDS

MANGANESE IONS
  0603 1804
  GS   IONS
       .METAL IONS
       .#MANGANESE IONS
  RT   PERMANGANATES

MANGANESE ISOTOPES
  2406
  UF   MANGANESE 53
       MANGANESE 54
       MANGANESE 56
  GS   CHEMICAL ELEMENTS
       .MANGANESE
       .#MANGANESE ISOTOPES
       .NUCLIDES
       ..ISOTOPES
       ..#MANGANESE ISOTOPES
       METALS
       .TRANSITION METALS
       ..MANGANESE
       ..#MANGANESE ISOTOPES

MANGANESE OXIDES
  0603 1804
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ..#MANGANESE OXIDES
       ....HOPCALITE (TRADEMARK)
       MANGANESE COMPOUNDS
       #MANGANESE OXIDES
       ..HOPCALITE (TRADEMARK)

MANGANESE PHOSPHIDES
  0603 1804
  GS   MANGANESE COMPOUNDS
       #MANGANESE PHOSPHIDES
       PHOSPHORUS COMPOUNDS
       .PHOSPHIDES
       .#MANGANESE PHOSPHIDES

MANGANESE 53
  USE  MANGANESE ISOTOPES

MANGANESE 54
  USE  MANGANESE ISOTOPES

MANGANESE 56
  USE  MANGANESE ISOTOPES

MANGANIN (TRADEMARK)
  0603 1804
  GS   ALLOYS
       .COPPER ALLOYS
       .#MANGANIN (TRADEMARK)
       .MANGANESE ALLOYS
       .#MANGANIN (TRADEMARK)
  RT   ELECTRICAL RESISTANCE
       THERMOCOUPLES

MANIFOLDS
  0202 1504 3203
  RT   AIR INTAKES
       EXHAUST SYSTEMS
       FUEL SYSTEMS
       INTAKE SYSTEMS
       PIPES (TUBES)
       PLENUM CHAMBERS
     % TUBES
     % WATER INTAKES

MANIFOLDS (MATHEMATICS)
  1902
  GS  #MANIFOLDS (MATHEMATICS)
       .RIEMANN MANIFOLD
  RT   COORDINATES
       CURVES (GEOMETRY)
       FIBERS (MATHEMATICS)
       FIXED POINTS (MATHEMATICS)
       TOPOLOGY

MANIPULATION
  USE  MANIPULATORS

MANIPULATORS
  0503 2102 2104
  SN   (LIMITED TO MECHANICAL DEVICES FOR
       REMOTE HANDLING)
  UF   MANIPULATION
  GS  #MANIPULATORS
       .REMOTE MANIPULATOR SYSTEM
  RT   CONTROL EQUIPMENT
     % EFFECTORS
       END EFFECTORS
       INVERSE KINEMATICS
       PAYLOAD DEPLOYMENT & RETRIEVAL
       SYSTEM
       REMOTE CONTROL
       REMOTE HANDLING
       ROBOT ARMS
       ROBOT DYNAMICS
       ROBOTICS
       SERVOCONTROL
       SHIELDING
       TACTILE SENSORS (ROBOTICS)
       TELEOPERATORS
       TELEROBOTICS
       TORQUE SENSORS (ROBOTICS)

MANITOBA
  1305
  GS   NATIONS
       .CANADA
       .#MANITOBA

MANITOU (CO)
  1305
  GS   CITIES
       #MANITOU (CO)
  RT   COLORADO

MANN-WHITNEY-WILCOXON U TEST
  1905
  GS   STATISTICAL ANALYSIS
       .STATISTICAL TESTS
       .#MANN-WHITNEY-WILCOXON U TEST
  RT   QUALITY CONTROL

MANNED AERODYNAMIC REUSABLE SPACESHIP
  USE  MARS (MANNED REUSABLE SPACECRAFT)

MANNED LUNAR SURFACE VEHICLES
  1105 3004 3110
  GS   SURFACE VEHICLES
       .LUNAR SURFACE VEHICLES
       ..LUNAR ROVING VEHICLES
       ..#MANNED LUNAR SURFACE VEHICLES
  RT   CRAWLER TRACTORS
       LUNAR LOGISTICS
       LUNAR MOBILE LABORATORIES
     % SURFACES
     % VEHICLES
       WALKING MACHINES

MANNED MANEUVERING UNITS
  0502
  SN   (LIMITED TO ASTRONAUT PROPULSIVE
       UNITS OF THAT NAME DESIGNED FOR
```

THE SPACE TRANSPORTATION SYSTEM
AND THE SPACE STATION)
GS ASTRONAUT MANEUVERING EQUIPMENT
#MANNED MANEUVERING UNITS
RT ASTRONAUT LOCOMOTION
EXTRAVEHICULAR ACTIVITY
LIFE SUPPORT SYSTEMS
ORBITAL SERVICING
SELF MANEUVERING UNITS
SPACE TRANSPORTATION SYSTEM

MANNED MARS MISSIONS
3001 3009
GS SPACE MISSIONS
#MANNED MARS MISSIONS
RT INTERPLANETARY FLIGHT
INTERPLANETARY SPACECRAFT
LONG DURATION SPACE FLIGHT
MANNED SPACECRAFT
MARS (PLANET)
NASA SPACE PROGRAMS
RETURN TO EARTH SPACE FLIGHT
SPACE EXPLORATION
TERRAFORMING

MANNED ORBITAL LABORATORIES
3104 3109 3409
UF MOL (ORBITAL LABORATORIES)
MORL
GS LABORATORIES
.SPACE LABORATORIES
.#MANNED ORBITAL LABORATORIES
...SKYLAB 1
...SKYLAB 2
...SKYLAB 3
...SKYLAB 4
...SPACELAB
MANNED SPACECRAFT
#MANNED ORBITAL LABORATORIES
..SKYLAB 1
..SKYLAB 2
..SKYLAB 3
..SKYLAB 4
..SPACELAB
RT APOLLO SPACECRAFT
COLUMBUS SPACE STATION
ORBITAL WORKSHOPS
RECONNAISSANCE SPACECRAFT
SPACE STATIONS
% SPACECRAFT
TITAN 3 LAUNCH VEHICLE

MANNED ORBITAL SPACE STATIONS
USE SPACE STATIONS

MANNED ORBITAL TELESCOPES
1412 3104 3109 3001
UF MOT (ORBITAL TELESCOPES)
GS TELESCOPES
#MANNED ORBITAL TELESCOPES
..APOLLO TELESCOPE MOUNT
RT OAO

MANNED REENTRY
0502 3104 3105 3303 3305 3501
GS ATMOSPHERIC ENTRY
.REENTRY
.#MANNED REENTRY
SPACE FLIGHT
.MANNED SPACE FLIGHT
.#MANNED REENTRY
RT DESCENT TRAJECTORIES
ENVIRONMENTAL CONTROL
LIFTING REENTRY VEHICLES
REENTRY COMMUNICATION
SPACECRAFT REENTRY

MANNED SPACE FLIGHT
3104 3105
GS SPACE FLIGHT
#MANNED SPACE FLIGHT
..APOLLO FLIGHTS
...APOLLO 5 FLIGHT
...APOLLO 6 FLIGHT
...APOLLO 7 FLIGHT
...APOLLO 8 FLIGHT
...APOLLO 9 FLIGHT
...APOLLO 10 FLIGHT
...APOLLO 11 FLIGHT
...APOLLO 12 FLIGHT
...APOLLO 13 FLIGHT
...APOLLO 14 FLIGHT
...APOLLO 15 FLIGHT
...APOLLO 16 FLIGHT
...APOLLO 17 FLIGHT
..GEMINI FLIGHTS
...GEMINI 3 FLIGHT
...GEMINI 4 FLIGHT
...GEMINI 5 FLIGHT
...GEMINI 6 FLIGHT
...GEMINI 7 FLIGHT
...GEMINI 8 FLIGHT
...GEMINI 9 FLIGHT
...GEMINI 10 FLIGHT
...GEMINI 11 FLIGHT
...GEMINI 12 FLIGHT
..MANNED REENTRY
..MERCURY FLIGHTS
...MERCURY MA-1 FLIGHT
...MERCURY MA-2 FLIGHT
...MERCURY MA-3 FLIGHT
...MERCURY MA-4 FLIGHT
...MERCURY MA-5 FLIGHT
...MERCURY MA-6 FLIGHT
...MERCURY MA-7 FLIGHT
...MERCURY MA-8 FLIGHT
...MERCURY MA-9 FLIGHT
...MERCURY MR-1 FLIGHT
...MERCURY MR-2 FLIGHT
...MERCURY MR-3 FLIGHT
...MERCURY MR-4 FLIGHT
..SPACE SHUTTLE MISSIONS
...SPACE SHUTTLE MISSION 31-A
...SPACE SHUTTLE MISSION 31-B
...SPACE SHUTTLE MISSION 31-C
...SPACE SHUTTLE MISSION 31-D
...SPACE SHUTTLE MISSION 41-A
...SPACE SHUTTLE MISSION 41-B
...SPACE SHUTTLE MISSION 41-C
...SPACE SHUTTLE MISSION 41-D
...SPACE SHUTTLE MISSION 41-G
...SPACE SHUTTLE MISSION 51-A
...SPACE SHUTTLE MISSION 51-B
...SPACE SHUTTLE MISSION 51-C
...SPACE SHUTTLE MISSION 51-D
...SPACE SHUTTLE MISSION 51-E
...SPACE SHUTTLE MISSION 51-F
...SPACE SHUTTLE MISSION 51-G
...SPACE SHUTTLE MISSION 51-H
...SPACE SHUTTLE MISSION 51-I
...SPACE SHUTTLE MISSION 51-J
...SPACE SHUTTLE MISSION 51-L
...SPACE SHUTTLE MISSION 61-A
...SPACE SHUTTLE MISSION 61-B
...SPACE SHUTTLE MISSION 61-C
...SPACE SHUTTLE MISSION 61-E
RT AEROSPACE ENVIRONMENTS
APOLLO EXTENSION SYSTEM
ATLANTIS (ORBITER)
COLUMBIA (ORBITER)
DISCOVERY (ORBITER)
ENTERPRISE (ORBITER)
EXTRAVEHICULAR ACTIVITY
GEMINI (GT-1) SPACECRAFT
GEMINI B SPACECRAFT
GEMINI SPACECRAFT
GEMINI 2 SPACECRAFT
HUMAN FACTORS ENGINEERING
INDIAN SPACE PROGRAM
INTERPLANETARY FLIGHT
INTERSTELLAR TRAVEL
INTRAVEHICULAR ACTIVITY
LONG DURATION SPACE FLIGHT
MAN OPERATED PROPULSION SYSTEMS
MERCURY PROJECT

```
      SPACE ADAPTATION SYNDROME
      SPACE COMMUNICATION
      SPACE EXPLORATION
      SPACE FLIGHT STRESS
      SPACE LOGISTICS
      SPACE PROGRAMS
      SPACE PSYCHOLOGY
      SPACE SHUTTLE ORBITERS
      SPACE SHUTTLES
      SPACECREW TRANSFER
      SUBORBITAL FLIGHT

MANNED SPACE FLIGHT NETWORK
  0702 0709 1109
  GS   TRACKING NETWORKS
       #MANNED SPACE FLIGHT NETWORK
  RT   ADVANCED RANGE INSTRUMENTATION SHIP
     % NETWORKS
       UNIFIED S BAND

MANNED SPACECRAFT
  3104
  GS  #MANNED SPACECRAFT
       .AEROSPACE PLANES
       ..HOTOL LAUNCH VEHICLE
       ..X-30 VEHICLE
       .APOLLO SPACECRAFT
       ..APOLLO LUNAR EXPERIMENT MODULE
       .ASTRO VEHICLE
       .COLUMBUS SPACE STATION
       .FERRY SPACECRAFT
       .GEMINI B SPACECRAFT
       .GEMINI SPACECRAFT
       ..GEMINI (GT-1) SPACECRAFT
       ..GEMINI 2 SPACECRAFT
       .JANUS SPACECRAFT
       .LUNAR MODULE
       ..APOLLO LUNAR EXPERIMENT MODULE
       ..LSSM
       ..LUNAR MODULE 5
       ..LUNAR MODULE 7
       .MAN TENDED FREE FLYERS
       .MANNED ORBITAL LABORATORIES
       ..SKYLAB 1
       ..SKYLAB 2
       ..SKYLAB 3
       ..SKYLAB 4
       ..SPACELAB
       .MARS (MANNED REUSABLE SPACECRAFT)
       .MERCURY SPACECRAFT
       ..AURORA 7
       ..FAITH 7
       ..FRIENDSHIP 7
       ..SIGMA 7
       .MIR SPACE STATION
       .ORBITAL WORKSHOPS
       ..SATURN WORKSHOPS
       ...SATURN 1 WORKSHOP
       ...SATURN 5 WORKSHOP
       ..SKYLAB 1
       ..SKYLAB 2
       ..SKYLAB 3
       ..SKYLAB 4
       .SALYUT SPACE STATION
       .SOYUZ SPACECRAFT
       .SPACE OPERATIONS CENTER (NASA)
       .SPACE SHUTTLE ORBITERS
       ..ATLANTIS (ORBITER)
       ..CHALLENGER (ORBITER)
       ..COLUMBIA (ORBITER)
       ..DISCOVERY (ORBITER)
       ..ENDEAVOUR (ORBITER)
       ..ENTERPRISE (ORBITER)
       .SPACE SHUTTLES
       ..BURAN SPACE SHUTTLE
       ..HERMES MANNED SPACEPLANE
       .VOSKHOD MANNED SPACECRAFT
       ..VOSKHOD 1 SPACECRAFT
       ..VOSKHOD 2 SPACECRAFT
       .VOSTOK SPACECRAFT
       ..VOSTOK 1 SPACECRAFT
       ..VOSTOK 2 SPACECRAFT
       ..VOSTOK 3 SPACECRAFT
       ..VOSTOK 4 SPACECRAFT
       ..VOSTOK 5 SPACECRAFT
       ..VOSTOK 6 SPACECRAFT
  RT   APOLLO PROJECT
       APOLLO SOYUZ TEST PROJECT
       APOLLO 7 FLIGHT
       APOLLO 8 FLIGHT
       APOLLO 10 FLIGHT
       APOLLO 11 FLIGHT
       APOLLO 12 FLIGHT
       APOLLO 13 FLIGHT
       APOLLO 14 FLIGHT
       APOLLO 15 FLIGHT
       APOLLO 16 FLIGHT
       APOLLO 17 FLIGHT
       APPROACH AND LANDING TESTS (STS)
       ARTIFICIAL SATELLITES
       BIOSATELLITES
       BOOSTGLIDE VEHICLES
       COMMAND SERVICE MODULES
       ENVIRONMENTAL CONTROL
       GRAVITY GRADIENT SATELLITES
       INTERPLANETARY SPACECRAFT
       LANDING MODULES
       LIFTING REENTRY VEHICLES
       LUNAR LANDING MODULES
       LUNAR SATELLITES
       LUNAR SPACECRAFT
       MANEUVERABLE SPACECRAFT
       MANNED MARS MISSIONS
       MERCURY FLIGHTS
       MERCURY PROJECT
       MILITARY SPACECRAFT
       RECONNAISSANCE SPACECRAFT
       RECOVERABLE SPACECRAFT
       RENDEZVOUS SPACECRAFT
       REUSABLE SPACECRAFT
       SHUTTLE DERIVED VEHICLES
       SPACE CAPSULES
       SPACE NAVIGATION
       SPACE SHUTTLE BOOSTERS
       SPACE STATIONS
     % SPACECRAFT
       SPACECRAFT CABIN SIMULATORS
       UNMANNED SPACECRAFT
       X-20 AIRCRAFT

MANNING THEORY
  1202 1204 3303
  RT   FLUID FLOW
     % THEORIES
       WALL FLOW

MANNITOL
  0403 1808
  GS   ORGANIC COMPOUNDS
       .CARBOHYDRATES
       ..SUGARS
       ..#MANNITOL

MANOMETERS
  1203 1408 3501
  UF   MICROMANOMETERS
       U TUBES
  GS   MEASURING INSTRUMENTS
       .PRESSURE GAGES
       .#MANOMETERS
  RT   BAROMETERS
       BLOOD PRESSURE
       FLAME PROBES
       PRESSURE DISTRIBUTION
       PRESSURE MEASUREMENT
       VACUUM GAGES

MANPOWER
  3402 3406
  GS  #MANPOWER
       .ENGINEERS
       .SCIENTISTS
  RT   ENGINEERING MANAGEMENT
       HUMAN RESOURCES
       LABOR
```

PERSONNEL
RESEARCH MANAGEMENT
RESOURCES
RETRAINING

MANTLE (EARTH STRUCTURE)
USE EARTH MANTLE

% MANUAL
3405
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT MANUAL CONTROL
MANUALS

MANUAL CONTROL
0503 0506 1402 2104 4001
GS #MANUAL CONTROL
.VISUAL CONTROL
RT AIRCRAFT CONTROL
ATTITUDE CONTROL
AUTOMATIC CONTROL
% BUTTONS
CONSOLES
% CONTROL
CONTROL BOARDS
CONTROL EQUIPMENT
DIRECTIONAL CONTROL
ENGINE CONTROL
GUIDANCE (MOTION)
HANDLES
HELICOPTER CONTROL
HUMAN FACTORS ENGINEERING
KNOBS
LANDING INSTRUMENTS
LATERAL CONTROL
LEVERS
LONGITUDINAL CONTROL
% MANUAL
PEDALS
REENTRY GUIDANCE
REMOTE CONTROL
SATELLITE CONTROL
SATELLITE GUIDANCE
SERVOCONTROL
SPACECRAFT CONTROL
SPACECRAFT GUIDANCE
SPEED CONTROL
TEMPERATURE CONTROL

MANUALS
3405
GS DOCUMENTS
#MANUALS
..INSTALLATION MANUALS
..USER MANUALS (COMPUTER PROGRAMS)
RT DIRECTORIES
HANDBOOKS
MAINTENANCE
% MANUAL
TEXTBOOKS

MANUFACTURING
3404
GS #MANUFACTURING
.COMPUTER AIDED MANUFACTURING
.LOW GRAVITY MANUFACTURING
.SPACE MANUFACTURING
RT AIRCRAFT PRODUCTION COSTS
COMMERCE
COMMODITIES
CONTAINERLESS MELTS
CONTRACT NEGOTIATION
ECONOMIC DEVELOPMENT
FABRICATION
INDUSTRIES
KRAFT PROCESS (WOODPULP)
% PROCESSING
PRODUCTION MANAGEMENT
PRODUCTS
SPACE INDUSTRIALIZATION
TECHNOLOGIES
TECHNOLOGY ASSESSMENT
TECHNOLOGY UTILIZATION

MANURES
0505
GS WASTES
#MANURES
RT BIOMASS ENERGY PRODUCTION
METABOLIC WASTES
WASTE DISPOSAL
WASTE UTILIZATION

MANY BODY PROBLEM
1901 1902 3001 3002 3009
UF MANY PARTICLE THEORY
N-BODY PROBLEM
RT BCS THEORY
CELESTIAL MECHANICS
ELEMENTARY EXCITATIONS
FIELD THEORY (PHYSICS)
FOUR BODY PROBLEM
GREEN'S FUNCTIONS
HARTREE APPROXIMATION
ORBITAL MECHANICS
ORBITS
PARTICLE THEORY
PERTURBATION
PERTURBATION THEORY
% PROBLEMS
QUANTUM STATISTICS
STATISTICAL MECHANICS
SUPERFLUIDITY
THREE BODY PROBLEM
TROJAN ORBITS
TWO BODY PROBLEM

MANY ELECTRON EFFECTS
2401
RT AUTOIONIZATION
ELECTRON CAPTURE
ELECTRON SCATTERING
ELECTRON STATES
ELECTRON TRANSITIONS

MANY PARTICLE THEORY
USE MANY BODY PROBLEM

MAP (PROGRAMMING LANGUAGE)
0802
GS LANGUAGES
.PROGRAMMING LANGUAGES
..ASSEMBLY LANGUAGE
..#MAP (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING

MAP MATCHING GUIDANCE
1410 2102 2104
GS GUIDANCE (MOTION)
#MAP MATCHING GUIDANCE
RT AIRBORNE EQUIPMENT
DISPLAY DEVICES
IMAGE CORRELATORS
RADAR MAPS
RADAR NAVIGATION
TERCOM
VIDEO LANDMARK ACQUISITION AND TRACKING

MAPPING
1303 1902 3009
SN (EXCLUDES CONFORMAL MAPPING)
UF CARTOGRAPHY
FLUX MAPPING
GS #MAPPING
.CADASTRAL MAPPING
.COMPUTER AIDED MAPPING
.ICE MAPPING
.PHOTOMAPPING
.PLANETARY MAPPING
.SOIL MAPPING
.THEMATIC MAPPING
.THERMAL MAPPING

RT ASTROGRAPHY
BONNE PROJECTION
CONTOURS
DECLINATION
FIXED POINTS (MATHEMATICS)
FUNCTIONS (MATHEMATICS)
GEOGRAPHIC APPLICATIONS PROGRAM
GEOGRAPHY
HEAT CAPACITY MAPPING MISSION
HYPSOGRAPHY
MAPS
MAPSAT
ORTHOPHOTOGRAPHY
PHOENIX QUADRANGLE (AZ)
PHOTOGRAMMETRY
PHOTOGRAPHY
SCALE (RATIO)
SPOT (FRENCH SATELLITE)
SURVEYS
TERRAIN ANALYSIS
TOPOGRAPHY
TOPOLOGY
TRIANGULATION

MAPS
1303 1308 1902 2003 2103 3001 3009
GS #MAPS
.ASTRONOMICAL MAPS
..PLANISPHERES
.LUNAR MAPS
.METEOROLOGICAL CHARTS
.PHOTOMAPS
.RADAR CLUTTER MAPS
.RADAR MAPS
.RELIEF MAPS
RT BONNE PROJECTION
CADASTRAL MAPPING
CHARTS
COMPUTER AIDED MAPPING
COORDINATES
DATUM (ELEVATION)
GEOGRAPHY
% GLOBES
HYPSOGRAPHY
MAPPING
MERCATOR PROJECTION
NAVIGATION AIDS
PHOTOMAPPING
SOIL MAPPING
SURVEYS
THEMATIC MAPPING

MAPSAT
1901
GS ARTIFICIAL SATELLITES
#MAPSAT
RT LANDSAT SATELLITES
MAPPING
REMOTE SENSING
STEREOPHOTOGRAPHY

MARAGING
1704 3407
GS HARDENING (MATERIALS)
.PRECIPITATION HARDENING
.#MARAGING
HEAT TREATMENT
#MARAGING

MARAGING STEELS
1701 1704
GS ALLOYS
.HIGH STRENGTH ALLOYS
..HIGH STRENGTH STEELS
..#MARAGING STEELS
.IRON ALLOYS
..STEELS
...HIGH STRENGTH STEELS
...#MARAGING STEELS
RT MARTENSITIC STAINLESS STEELS
STAINLESS STEELS

MARANGONI CONVECTION
1308
GS CONVECTION
#MARANGONI CONVECTION
RT CONVECTIVE FLOW
FREE CONVECTION
INTERFACIAL TENSION
LIQUID BRIDGES
LOW GRAVITY MANUFACTURING
MELTS (CRYSTAL GROWTH)
MICROGRAVITY
SPACE PROCESSING

MARBORE 2 ENGINE
USE J-69-T-25 ENGINE

MARECS MARITIME SATELLITES
0702
GS ARTIFICIAL SATELLITES
.COMMUNICATION SATELLITES
.#MARECS MARITIME SATELLITES
.ESA SATELLITES
.#MARECS MARITIME SATELLITES
.MARITIME SATELLITES
.#MARECS MARITIME SATELLITES
ESA SPACECRAFT
.ESA SATELLITES
.#MARECS MARITIME SATELLITES
RT EUROPEAN SPACE PROGRAMS
SATELLITE NETWORKS

MARGINS
3203
RT BORDERS
EDGES
RIMS

MARIA
3004 3007 3009
GS #MARIA
.LUNAR MARIA
RT LAVA
METEORITE CRATERS
TOPOGRAPHY

MARIJUANA
0403 0409
GS DRUGS
.PSYCHOTROPIC DRUGS
.#MARIJUANA
RT ALKALOIDS

MARINE BIOLOGY
0404 1310
RT ALGAE
AQUATIC PLANTS
AQUICULTURE
% BIOLOGY
ENVIRONMENT EFFECTS
ENVIRONMENTAL QUALITY
FISHERIES
LIMNOLOGY
OCEANOGRAPHY
PHYTOPLANKTON
% SCIENCE
SEA GRASSES
SEALS (ANIMALS)
SEAWEEDS
SHELLFISH
THERMAL POLLUTION
WATERFOWL
WETLANDS
ZOOPLANKTON

MARINE CHEMISTRY
1310
GS ENVIRONMENTAL CHEMISTRY
#MARINE CHEMISTRY
RT BIOCHEMISTRY
% CHEMISTRY
GEOCHEMISTRY
HYDROLOGY
LIMNOLOGY

```
        OCEAN BOTTOM
      % SCIENCE
        SEDIMENTS

MARINE ENVIRONMENTS
  0404 1310
  GS   ENVIRONMENTS
       #MARINE ENVIRONMENTS
  RT   AQUICULTURE
       BEACHES
       COASTAL ECOLOGY
       COASTS
       ENVIRONMENT EFFECTS
       ICE ENVIRONMENTS
       NEARSHORE WATER
       OCEAN MODELS
       OCEANOGRAPHY
       RED TIDE
       SEA BREEZE
       SHELLFISH
       WATERFOWL
       WETLANDS

MARINE MAMMALS
  0402 0404
  GS   ANIMALS
       .VERTEBRATES
       ..MAMMALS
       ..#MARINE MAMMALS
       ....DOLPHINS
       ....MANATEES
       ....PORPOISES
       ....SEALS (ANIMALS)
       ....WHALES

MARINE METEOROLOGY
  1310 2003
  GS   METEOROLOGY
       .HYDROMETEOROLOGY
       .#MARINE METEOROLOGY
  RT   FRONTS (METEOROLOGY)
       OCEANOGRAPHY
     % SCIENCE
       TYPHOONS
       WIND (METEOROLOGY)

MARINE NAVIGATION
  USE  SURFACE NAVIGATION

MARINE PROPULSION
  2202
  GS   PROPULSION
       #MARINE PROPULSION
       ..UNDERWATER PROPULSION
       ...SUBMARINE PROPULSION
  RT   CHEMICAL PROPULSION
       ELECTRIC PROPULSION
       JET PROPULSION
       NUCLEAR ELECTRIC PROPULSION
       NUCLEAR PROPULSION
       PROPELLER DRIVE
       SAVANNAH NUCLEAR SHIP

MARINE RESOURCES
  1306
  GS   RESOURCES
       .EARTH RESOURCES
       .#MARINE RESOURCES
  RT   AQUICULTURE
       COASTAL ECOLOGY
       FISHERIES
       OCEANOGRAPHY
       OCEANS
       SEA WATER
       SHELLFISH
       UNDERWATER RESOURCES
       WATER POLLUTION
       WETLANDS

MARINE RUDDERS
  1204
  GS   CONTROL SURFACES
       .RUDDERS
       .#MARINE RUDDERS
  RT   AERIAL RUDDERS
       HYDROFOILS
       TAIL ASSEMBLIES

MARINE TECHNOLOGY
  3404
  GS   TECHNOLOGIES
       #MARINE TECHNOLOGY
  RT   AQUICULTURE
       ARTIFICIAL HARBORS
       DEEPWATER TERMINALS
       OCEANOGRAPHY
       OFFSHORE DOCKING
       OFFSHORE ENERGY SOURCES
       OFFSHORE PLATFORMS
       TANKER TERMINALS
       WHARVES

MARINE TRANSPORTATION
  3404
  GS   TRANSPORTATION
       #MARINE TRANSPORTATION
  RT   AIR TRANSPORTATION
       DEEPWATER TERMINALS
       HARBORS
       OFFSHORE DOCKING
       RAIL TRANSPORTATION
       SHIPS
       TANKER SHIPS
       WATER VEHICLES

MARINER C SPACECRAFT
  3007 3108
  GS   INTERPLANETARY SPACECRAFT
       .MARINER SPACECRAFT
       .#MARINER C SPACECRAFT
       UNMANNED SPACECRAFT
       .SPACE PROBES
       ..MARINER SPACECRAFT
       ..#MARINER C SPACECRAFT

MARINER JUPITER-SATURN FLYBY
  3006 3007 3009 3108 3409
  GS   SPACE MISSIONS
       .FLYBY MISSIONS
       ..GRAND TOURS
       ..#MARINER JUPITER-SATURN FLYBY
  RT   INTERPLANETARY FLIGHT
     % MISSIONS
       SPACE FLIGHT

MARINER JUPITER-URANUS FLYBY
  3006 3007 3009 3108 3409
  GS   SPACE MISSIONS
       .FLYBY MISSIONS
       ..GRAND TOURS
       ..#MARINER JUPITER-URANUS FLYBY
  RT   INTERPLANETARY FLIGHT
     % MISSIONS
       SPACE FLIGHT

MARINER MARK 2 SPACECRAFT
  3110 3007
  RT   CASSINI MISSION
       COMET RENDEZVOUS ASTEROID FLYBY
       MISSION
       FLYBY MISSIONS
       INTERPLANETARY FLIGHT
     % SPACECRAFT

MARINER PROGRAM
  3007 3108 3409
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#MARINER PROGRAM
       ....MARINER VENUS-MERCURY 1973
       ....MARINER-MERCURY 1973
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#MARINER PROGRAM
```

```
      ....MARINER VENUS-MERCURY 1973
      ....MARINER-MERCURY 1973
  RT  AGENA B ROCKET VEHICLE
      AGENA ROCKET VEHICLES
      ATLAS AGENA LAUNCH VEHICLES
      ATLAS LAUNCH VEHICLES
      CENTAUR PROJECT
      FLYBY MISSIONS
      MARS PROBES
      SPACE PROBES
      UNMANNED SPACECRAFT
      VENUS PROBES

MARINER R 2 SPACE PROBE
  3007 3108 3409
  GS  INTERPLANETARY SPACECRAFT
      .MARINER SPACE PROBES
      .#MARINER R 2 SPACE PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARINER SPACE PROBES
      ..#MARINER R 2 SPACE PROBE

MARINER SPACE PROBES
  3007 3108 3409
  GS  INTERPLANETARY SPACECRAFT
      #MARINER SPACE PROBES
      ..MARINER R 2 SPACE PROBE
      ..MARINER 1 SPACE PROBE
      ..MARINER 2 SPACE PROBE
      ..MARINER 3 SPACE PROBE
      ..MARINER 4 SPACE PROBE
      ..MARINER 5 SPACE PROBE
      ..MARINER 6 SPACE PROBE
      ..MARINER 7 SPACE PROBE
      ..MARINER 8 SPACE PROBE
      ..MARINER 9 SPACE PROBE
      ..MARINER 10 SPACE PROBE
      ..MARINER 11 SPACE PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      .#MARINER SPACE PROBES
      ...MARINER R 2 SPACE PROBE
      ...MARINER 1 SPACE PROBE
      ...MARINER 2 SPACE PROBE
      ...MARINER 3 SPACE PROBE
      ...MARINER 4 SPACE PROBE
      ...MARINER 5 SPACE PROBE
      ...MARINER 6 SPACE PROBE
      ...MARINER 7 SPACE PROBE
      ...MARINER 8 SPACE PROBE
      ...MARINER 9 SPACE PROBE
      ...MARINER 10 SPACE PROBE
      ...MARINER 11 SPACE PROBE

MARINER SPACECRAFT
  3007 3108 3409 3110
  GS  INTERPLANETARY SPACECRAFT
      #MARINER SPACECRAFT
      ..MARINER C SPACECRAFT
      ..MARINER VENUS 67 SPACECRAFT
      UNMANNED SPACECRAFT
      .SPACE PROBES
      .#MARINER SPACECRAFT
      ...MARINER C SPACECRAFT
      ...MARINER VENUS 67 SPACECRAFT

MARINER VENUS 67 SPACECRAFT
  3007 3108 3409
  GS  INTERPLANETARY SPACECRAFT
      .MARINER SPACECRAFT
      .#MARINER VENUS 67 SPACECRAFT
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARINER SPACECRAFT
      ..#MARINER VENUS 67 SPACECRAFT
  RT  VENUS PROBES

MARINER VENUS-MERCURY 1973
  3007 3108
  GS  PROGRAMS
      .NASA PROGRAMS
      ..NASA SPACE PROGRAMS
      ...MARINER PROGRAM
      ...#MARINER VENUS-MERCURY 1973
      .SPACE PROGRAMS
      ..NASA SPACE PROGRAMS
      ...MARINER PROGRAM
      ...#MARINER VENUS-MERCURY 1973
      SPACE MISSIONS
      .FLYBY MISSIONS
      .#MARINER VENUS-MERCURY 1973
  RT  MARINER 10 SPACE PROBE
      MARINER-MERCURY 1973

MARINER 1 SPACE PROBE
  3007 3108
  GS  INTERPLANETARY SPACECRAFT
      .MARINER SPACE PROBES
      .#MARINER 1 SPACE PROBE
      .VENUS PROBES
      .#MARINER 1 SPACE PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARINER SPACE PROBES
      ..#MARINER 1 SPACE PROBE
      ..VENUS PROBES
      ..#MARINER 1 SPACE PROBE

MARINER 2 SPACE PROBE
  3007 3108
  GS  INTERPLANETARY SPACECRAFT
      .MARINER SPACE PROBES
      .#MARINER 2 SPACE PROBE
      .VENUS PROBES
      .#MARINER 2 SPACE PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARINER SPACE PROBES
      ..#MARINER 2 SPACE PROBE
      ..VENUS PROBES
      ..#MARINER 2 SPACE PROBE
  RT  ATLAS AGENA B LAUNCH VEHICLE

MARINER 3 SPACE PROBE
  3007 3108
  GS  INTERPLANETARY SPACECRAFT
      .MARINER SPACE PROBES
      .#MARINER 3 SPACE PROBE
      .MARS PROBES
      .#MARINER 3 SPACE PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARINER SPACE PROBES
      ..#MARINER 3 SPACE PROBE
      ..MARS PROBES
      ..#MARINER 3 SPACE PROBE

MARINER 4 SPACE PROBE
  3007 3108
  GS  INTERPLANETARY SPACECRAFT
      .MARINER SPACE PROBES
      .#MARINER 4 SPACE PROBE
      .MARS PROBES
      .#MARINER 4 SPACE PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARINER SPACE PROBES
      ..#MARINER 4 SPACE PROBE
      ..MARS PROBES
      ..#MARINER 4 SPACE PROBE

MARINER 5 SPACE PROBE
  3007 3108
  GS  INTERPLANETARY SPACECRAFT
      .MARINER SPACE PROBES
      .#MARINER 5 SPACE PROBE
      .VENUS PROBES
      .#MARINER 5 SPACE PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARINER SPACE PROBES
      ..#MARINER 5 SPACE PROBE
      ..VENUS PROBES
      ..#MARINER 5 SPACE PROBE
```

RT ATLAS AGENA LAUNCH VEHICLES

MARINER 6 SPACE PROBE
3108 3007
GS INTERPLANETARY SPACECRAFT
.MARINER SPACE PROBES
.#MARINER 6 SPACE PROBE
.MARS PROBES
.#MARINER 6 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..MARINER SPACE PROBES
..#MARINER 6 SPACE PROBE
..MARS PROBES
..#MARINER 6 SPACE PROBE
RT ATLAS AGENA LAUNCH VEHICLES
MARS 69 PROJECT

MARINER 7 SPACE PROBE
3108 3007
GS INTERPLANETARY SPACECRAFT
.MARINER SPACE PROBES
.#MARINER 7 SPACE PROBE
.MARS PROBES
.#MARINER 7 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..MARINER SPACE PROBES
..#MARINER 7 SPACE PROBE
..MARS PROBES
..#MARINER 7 SPACE PROBE
RT MARS 69 PROJECT

MARINER 8 SPACE PROBE
3007 3108
GS INTERPLANETARY SPACECRAFT
.MARINER SPACE PROBES
.#MARINER 8 SPACE PROBE
.MARS PROBES
.#MARINER 8 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..MARINER SPACE PROBES
..#MARINER 8 SPACE PROBE
..MARS PROBES
..#MARINER 8 SPACE PROBE
RT MARS 71 PROJECT

MARINER 9 SPACE PROBE
3007 3108
GS INTERPLANETARY SPACECRAFT
.MARINER SPACE PROBES
.#MARINER 9 SPACE PROBE
.MARS PROBES
.#MARINER 9 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..MARINER SPACE PROBES
..#MARINER 9 SPACE PROBE
..MARS PROBES
..#MARINER 9 SPACE PROBE

MARINER 10 SPACE PROBE
3007 3108
GS INTERPLANETARY SPACECRAFT
.MARINER SPACE PROBES
.#MARINER 10 SPACE PROBE
.VENUS PROBES
.#MARINER 10 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..MARINER SPACE PROBES
..#MARINER 10 SPACE PROBE
..VENUS PROBES
..#MARINER 10 SPACE PROBE
RT MARINER VENUS-MERCURY 1973
MARINER-MERCURY 1973

MARINER 11 SPACE PROBE
3007 3108
GS INTERPLANETARY SPACECRAFT
.MARINER SPACE PROBES
.#MARINER 11 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..MARINER SPACE PROBES
..#MARINER 11 SPACE PROBE

MARINER-MERCURY 1973
3007 3108
GS PROGRAMS
.NASA PROGRAMS
..NASA SPACE PROGRAMS
...MARINER PROGRAM
...#MARINER-MERCURY 1973
.SPACE PROGRAMS
..NASA SPACE PROGRAMS
...MARINER PROGRAM
...#MARINER-MERCURY 1973
SPACE MISSIONS
.FLYBY MISSIONS
.#MARINER-MERCURY 1973
RT MARINER VENUS-MERCURY 1973
MARINER 10 SPACE PROBE

MARISAT SATELLITES
3107
GS ARTIFICIAL SATELLITES
#MARISAT SATELLITES
..MARISAT 1 SATELLITE
RT COMMUNICATION
FLEET SATELLITE COMMUNICATION SYSTEM
MAROTS (ESA)
RADIO COMMUNICATION

MARISAT 1 SATELLITE
3107
GS ARTIFICIAL SATELLITES
.MARISAT SATELLITES
.#MARISAT 1 SATELLITE
RT RADIO COMMUNICATION

MARITIME COMMUNICATION SATELLITE (ESA)
USE MAROTS (ESA)

MARITIME ORBITAL TEST SATELLITE
USE MAROTS (ESA)

MARITIME SATELLITES
0702 1104 1204
GS ARTIFICIAL SATELLITES
#MARITIME SATELLITES
..ERS-1 (ESA SATELLITE)
..MARECS MARITIME SATELLITES
..MAROTS (ESA)
RT MSAT
NATIONAL OCEANIC SATELLITE SYSTEM
TOPEX

MARK 1 REENTRY BODY
3105 3501
GS REENTRY VEHICLES
#MARK 1 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES

MARK 1 SPACECRAFT
3110
RT % SPACECRAFT

MARK 2 REENTRY BODY
3105 3501
GS REENTRY VEHICLES
#MARK 2 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES
INTERMEDIATE RANGE BALLISTIC MISSILES

MARK 3 REENTRY BODY
3105 3501
GS REENTRY VEHICLES
#MARK 3 REENTRY BODY
RT INTERCONTINENTAL BALLISTIC MISSILES

```
        INTERMEDIATE RANGE BALLISTIC
        MISSILES

MARK 4 REENTRY BODY
  3105 3501
  GS    REENTRY VEHICLES
        #MARK 4 REENTRY BODY
  RT    INTERCONTINENTAL BALLISTIC MISSILES

MARK 5 REENTRY BODY
  3105 3501
  GS    REENTRY VEHICLES
        #MARK 5 REENTRY BODY
  RT    INTERCONTINENTAL BALLISTIC MISSILES

MARK 6 REENTRY BODY
  3105 3501
  GS    REENTRY VEHICLES
        #MARK 6 REENTRY BODY
  RT    INTERCONTINENTAL BALLISTIC MISSILES

MARK 11 REENTRY BODY
  3105 3501
  GS    REENTRY VEHICLES
        #MARK 11 REENTRY BODY
  RT    INTERCONTINENTAL BALLISTIC MISSILES

MARK 12 REENTRY BODY
  3105 3501
  GS    REENTRY VEHICLES
        #MARK 12 REENTRY BODY
  RT    INTERCONTINENTAL BALLISTIC MISSILES

MARK 17 REENTRY BODY
  3105 3501
  GS    REENTRY VEHICLES
        #MARK 17 REENTRY BODY
  RT    INTERCONTINENTAL BALLISTIC MISSILES

MARKARIAN GALAXIES
  3001 3009
  GS    CELESTIAL BODIES
        .GALAXIES
        ..ACTIVE GALAXIES
        ..#MARKARIAN GALAXIES
  RT    SEYFERT GALAXIES

% MARKERS
  0203 0701 0705 1402
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    BEACONS
        BUOYS
        CRAYONS
        DYES
        RADIO BEACONS
        RUNWAY LIGHTS
        SMOKE

MARKET RESEARCH
  3402
  GS    RESEARCH
        #MARKET RESEARCH
  RT    COMMERCE
        COMMODITIES
        CONSUMERS
        MARKETING
        PRODUCT DEVELOPMENT

MARKETING
  3402 4001
  RT    COMMERCE
        CONSUMERS
        FINANCE
        INDUSTRIAL AREAS
        MANAGEMENT
        MARKET RESEARCH
        PRODUCT DEVELOPMENT
        SUPPLYING

MARKING
  1103 1409 1504 1505 3406 3407
  UF    LABELING (MARKING)
        TAGGING
  GS   #MARKING
        .ISOTOPIC LABELING
  RT    DETECTION
        IDENTIFYING
        MATERIALS HANDLING
        PACKAGING
        STAINING
      % TRACERS

MARKOV CHAINS
  0802 1902 1905
  GS    STOCHASTIC PROCESSES
        .MARKOV PROCESSES
        .#MARKOV CHAINS
  RT    MONTE CARLO METHOD
        RANDOM WALK

MARKOV PROCESSES
  0802 1902 1905
  GS    STOCHASTIC PROCESSES
        #MARKOV PROCESSES
        ..MARKOV CHAINS
  RT    RANDOM PROCESSES

MAROTS (ESA)
  3107
  UF    MARITIME COMMUNICATION SATELLITE
        (ESA)
        MARITIME ORBITAL TEST SATELLITE
  GS    ARTIFICIAL SATELLITES
        .COMMUNICATION SATELLITES
        .#MAROTS (ESA)
        .ESA SATELLITES
        .#MAROTS (ESA)
        .MARITIME SATELLITES
        .#MAROTS (ESA)
        ESA SPACECRAFT
        .ESA SATELLITES
        .#MAROTS (ESA)
  RT    EUROPEAN SPACE AGENCY
        MARISAT SATELLITES
        RANGEFINDING
        RESCUE OPERATIONS
        SHIP TERMINALS

MARQUARDT R4D ENGINE
  2102
  GS    ENGINES
        #MARQUARDT R4D ENGINE
  RT    APOLLO PROJECT
        AUXILIARY PROPULSION
        COMMAND MODULES
      % REACTION CONTROL
        SATELLITE ATTITUDE CONTROL
        SPACECRAFT CONTROL

% MARS
  3007 3008
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    MARS (MANNED REUSABLE SPACECRAFT)
        MARS (PLANET)
        NAVIGATION AIDS
        TRACKING STATIONS

MARS (MANNED REUSABLE SPACECRAFT)
  3104
  SN    (NOT RESTRICTED TO SPACECRAFT FOR
        FLIGHT TO PLANET MARS)
  UF    MANNED AERODYNAMIC REUSABLE
        SPACESHIP
  GS    MANNED SPACECRAFT
        #MARS (MANNED REUSABLE SPACECRAFT)
        REENTRY VEHICLES
        .RECOVERABLE SPACECRAFT
        ..REUSABLE SPACECRAFT
        ..#MARS (MANNED REUSABLE
           SPACECRAFT)
  RT    FERRY SPACECRAFT
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      MANEUVERABLE SPACECRAFT
    % MARS

MARS (PLANET)
  3001 3002 3007 3008
  GS   CELESTIAL BODIES
       .PLANETS
       ..TERRESTRIAL PLANETS
       ..#MARS (PLANET)
  RT   AMOR ASTEROID
       APOLLO ASTEROIDS
       DEIMOS
       DUST STORMS
       MANNED MARS MISSIONS
    % MARS
       MARS ATMOSPHERE
       MARS ENVIRONMENT
       MARS SAMPLE RETURN MISSIONS
       MARS SURFACE
       MARS VOLCANOES
       PHOBOS
       PLANETARY CRATERS
       POLAR CAPS
       TERRAFORMING

MARS ATMOSPHERE
  3007 3008
  GS   ENVIRONMENTS
       .EXTRATERRESTRIAL ENVIRONMENTS
       ..PLANETARY ENVIRONMENTS
       ...MARS ENVIRONMENT
       ...#MARS ATMOSPHERE
       ...PLANETARY ATMOSPHERES
       ...#MARS ATMOSPHERE
  RT   AEROSPACE ENVIRONMENTS
       MARS (PLANET)
       MARS VOLCANOES
       PLANETARY IONOSPHERES
       PLANETARY METEOROLOGY

MARS CRATERS
  3007 1306
  GS   CRATERS
       .PLANETARY CRATERS
       .#MARS CRATERS
  RT   CRATERING
       EJECTA
       IMPACT DAMAGE
       METEORITE CRATERS
       METEORITIC DAMAGE

MARS ENVIRONMENT
  3007 3008
  GS   ENVIRONMENTS
       .EXTRATERRESTRIAL ENVIRONMENTS
       ..PLANETARY ENVIRONMENTS
       ..#MARS ENVIRONMENT
       ....MARS ATMOSPHERE
  RT   DUST STORMS
       MARS (PLANET)
       MARS VOLCANOES
       TERRAFORMING

MARS EXCURSION MODULE
  3007 3110
  UF   MEM (EXCURSION MODULE)
  GS   MODULES
       .SPACECRAFT MODULES
       ..LANDING MODULES
       ..#MARS EXCURSION MODULE
       SOFT LANDING SPACECRAFT
       .LANDING MODULES
       .#MARS EXCURSION MODULE
       SPACECRAFT COMPONENTS
       .SPACECRAFT MODULES
       ..LANDING MODULES
       ..#MARS EXCURSION MODULE

MARS GEOSCIENCE CLIMATOLOGY ORBITER
  USE  MARS OBSERVER

MARS LANDING
  1105 3007
  GS   LANDING
       .SPACECRAFT LANDING
       .#MARS LANDING
  RT   AEPS
       MARS SAMPLE RETURN MISSIONS
       PLANETARY LANDING
       SOFT LANDING
       VIKING 1975 ENTRY VEHICLE

MARS OBSERVER
  3007 3108
  UF   MARS GEOSCIENCE CLIMATOLOGY ORBITER
       MGCO
  GS   INTERPLANETARY SPACECRAFT
       .MARS PROBES
       .#MARS OBSERVER
       UNMANNED SPACECRAFT
       .SPACE PROBES
       ..MARS PROBES
       ..#MARS OBSERVER

MARS PHOTOGRAPHS
  1407
  GS   PHOTOGRAPHS
       #MARS PHOTOGRAPHS
  RT   PHOTOGRAPHY
       SATELLITE-BORNE PHOTOGRAPHY
       SPACEBORNE PHOTOGRAPHY

MARS PROBES
  3007 3108
  GS   INTERPLANETARY SPACECRAFT
       #MARS PROBES
       ..ADVANCED RECONN ELECTRIC
         SPACECRAFT
       ..MARINER 3 SPACE PROBE
       ..MARINER 4 SPACE PROBE
       ..MARINER 6 SPACE PROBE
       ..MARINER 7 SPACE PROBE
       ..MARINER 8 SPACE PROBE
       ..MARINER 9 SPACE PROBE
       ..MARS OBSERVER
       ..MARS 1 SPACECRAFT
       ..MARS 2 SPACECRAFT
       ..MARS 3 SPACECRAFT
       ..MARS 4 SPACECRAFT
       ..MARS 5 SPACECRAFT
       ..MARS 6 SPACECRAFT
       ..MARS 7 SPACECRAFT
       ..VIKING SPACECRAFT
       ...VIKING LANDER SPACECRAFT
       ....VIKING LANDER 1
       ....VIKING LANDER 2
       ...VIKING ORBITER SPACECRAFT
       ....VIKING ORBITER 1
       ....VIKING ORBITER 2
       ....VIKING ORBITER 1975
       ...VIKING 1 SPACECRAFT
       ....VIKING LANDER 1
       ....VIKING ORBITER 1
       ...VIKING 2 SPACECRAFT
       ....VIKING LANDER 2
       ....VIKING ORBITER 2
       ..VIKING 1975 ENTRY VEHICLE
       ..ZOND 2 SPACE PROBE
       UNMANNED SPACECRAFT
       .SPACE PROBES
       .#MARS PROBES
       ...ADVANCED RECONN ELECTRIC
          SPACECRAFT
       ...MARINER 3 SPACE PROBE
       ...MARINER 4 SPACE PROBE
       ...MARINER 6 SPACE PROBE
       ...MARINER 7 SPACE PROBE
       ...MARINER 8 SPACE PROBE
       ...MARINER 9 SPACE PROBE
       ...MARS OBSERVER
       ...MARS 1 SPACECRAFT
       ...MARS 2 SPACECRAFT
       ...MARS 3 SPACECRAFT
       ...MARS 4 SPACECRAFT
       ...MARS 5 SPACECRAFT
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        ...MARS 6 SPACECRAFT
        ...MARS 7 SPACECRAFT
        ...VIKING SPACECRAFT
        ....VIKING LANDER SPACECRAFT
        .....VIKING LANDER 1
        .....VIKING LANDER 2
        ....VIKING ORBITER SPACECRAFT
        .....VIKING ORBITER 1
        .....VIKING ORBITER 2
        .....VIKING ORBITER 1975
        ....VIKING 1 SPACECRAFT
        .....VIKING LANDER 1
        .....VIKING ORBITER 1
        ....VIKING 2 SPACECRAFT
        .....VIKING LANDER 2
        .....VIKING ORBITER 2
        ...ZOND 2 SPACE PROBE
  RT    MARINER PROGRAM
        MARS SAMPLE RETURN MISSIONS
        OUTER PLANETS EXPLORERS
        VENUS PROBES
        VOYAGER PROJECT
        ZOND SPACE PROBES

MARS ROVER SAMPLE RETURN MISSION
  USE   MARS SAMPLE RETURN MISSIONS

MARS SAMPLE RETURN MISSIONS
  3007 3108
  UF    MARS ROVER SAMPLE RETURN MISSION
  GS    SPACE MISSIONS
        #MARS SAMPLE RETURN MISSIONS
  RT    MARS (PLANET)
        MARS LANDING
        MARS PROBES
        MARS SURFACE SAMPLES
        NASA SPACE PROGRAMS
        ROVING VEHICLES
        SAMPLES
        SPACE EXPLORATION

MARS SATELLITES
  3001 3002 3007 3008
  GS    CELESTIAL BODIES
        .NATURAL SATELLITES
        .#MARS SATELLITES
        ...DEIMOS
        ...PHOBOS

MARS SURFACE
  3001 3008
  GS    PLANETARY SURFACES
        #MARS SURFACE
  RT    CANALS
        DUST STORMS
        MARS (PLANET)
        MARS VOLCANOES
        METEORITE CRATERS
        PLANETARY CRATERS
      % SURFACES
        TERRAFORMING
        TOPOGRAPHY

MARS SURFACE SAMPLES
  3406 3007
  GS    SAMPLES
        #MARS SURFACE SAMPLES
  RT    ASSAYING
        CHEMICAL ANALYSIS
        MARS SAMPLE RETURN MISSIONS
        SPECIMENS
      % SURFACES
        VIKING LANDER 1
        VIKING LANDER 2

MARS VOLCANOES
  1306 3008
  GS    GEOLOGY
        .VOLCANOES
        .#MARS VOLCANOES
        LANDFORMS
        .VOLCANOES
        .#MARS VOLCANOES
        PLANETARY GEOLOGY
        #MARS VOLCANOES
  RT    BASALT
        CALDERAS
        CONES (VOLCANOES)
        EFFUSIVES
        LAVA
        MARS (PLANET)
        MARS ATMOSPHERE
        MARS ENVIRONMENT
        MARS SURFACE
        MOUNTAINS
        OROGRAPHY
        PALEOMAGNETISM
        PETROLOGY
        ROUSE BELTS
        VOLCANOLOGY

MARS 1 SPACECRAFT
  3007 3108
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        .#MARS 1 SPACECRAFT
        SOVIET SPACECRAFT
        #MARS 1 SPACECRAFT
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ..#MARS 1 SPACECRAFT
  RT    U.S.S.R. SPACE PROGRAM

MARS 2 SPACECRAFT
  3007 3108
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        .#MARS 2 SPACECRAFT
        SOVIET SPACECRAFT
        #MARS 2 SPACECRAFT
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ..#MARS 2 SPACECRAFT
  RT    U.S.S.R. SPACE PROGRAM

MARS 3 SPACECRAFT
  3007 3108
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        .#MARS 3 SPACECRAFT
        SOVIET SPACECRAFT
        #MARS 3 SPACECRAFT
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ..#MARS 3 SPACECRAFT
  RT    U.S.S.R. SPACE PROGRAM

MARS 4 SPACECRAFT
  3107 3009
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        .#MARS 4 SPACECRAFT
        SOVIET SPACECRAFT
        #MARS 4 SPACECRAFT
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ..#MARS 4 SPACECRAFT
  RT    U.S.S.R. SPACE PROGRAM

MARS 5 SPACECRAFT
  3007 3108
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        .#MARS 5 SPACECRAFT
        SOVIET SPACECRAFT
        #MARS 5 SPACECRAFT
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ..#MARS 5 SPACECRAFT
  RT    U.S.S.R. SPACE PROGRAM
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MARS 6 SPACECRAFT
  3007
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        .#MARS 6 SPACECRAFT
        SOVIET SPACECRAFT
        #MARS 6 SPACECRAFT
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ..#MARS 6 SPACECRAFT
  RT    U.S.S.R. SPACE PROGRAM

MARS 7 SPACECRAFT
  3007
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        .#MARS 7 SPACECRAFT
        SOVIET SPACECRAFT
        #MARS 7 SPACECRAFT
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ..#MARS 7 SPACECRAFT
  RT    U.S.S.R. SPACE PROGRAM

MARS 69 PROJECT
  3007 3008 3108
  GS    PROGRAMS
        .NASA PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#MARS 69 PROJECT
        .PROJECTS
        .#MARS 69 PROJECT
        .SPACE PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#MARS 69 PROJECT
  RT    MARINER 6 SPACE PROBE
        MARINER 7 SPACE PROBE
        SPACE EXPLORATION

MARS 71 PROJECT
  3007 3008 3108
  GS    PROGRAMS
        .NASA PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#MARS 71 PROJECT
        .PROJECTS
        .#MARS 71 PROJECT
        .SPACE PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#MARS 71 PROJECT
  RT    MARINER 8 SPACE PROBE
        SPACE EXPLORATION

MARSHES
  USE   MARSHLANDS

MARSHLANDS
  1305 1306 1308 1310
  UF    BOGS
        COASTAL MARSHLANDS
        MARSHES
        SWAMPS
  GS    LAND
        #MARSHLANDS
  RT    BAYOUS
        EARTH RESOURCES
        EARTH SURFACE
        FLATS (LANDFORMS)
        MUSKEGS
        OCEANOGRAPHY
        TIDAL FLATS
        WATERFOWL
        WETLANDS

MARTENSITE
  1701 1704
  RT    AUSTENITE
        HARDENING (MATERIALS)
        HEAT TREATMENT
        IRON ALLOYS
        MARTENSITIC STAINLESS STEELS
        MICROSTRUCTURE
        PHASE TRANSFORMATIONS
        STEELS

MARTENSITIC STAINLESS STEELS
  1701 1704
  GS    ALLOYS
        .IRON ALLOYS
        ..STEELS
        ...STAINLESS STEELS
        ...#MARTENSITIC STAINLESS STEELS
  RT    AUSTENITIC STAINLESS STEELS
        MARAGING STEELS
        MARTENSITE

MARTENSITIC TRANSFORMATION
  1701
  GS    PHASE TRANSFORMATIONS
        #MARTENSITIC TRANSFORMATION
  RT    AUSTENITE

MARTIN AIRCRAFT
  0204 0207
  GS   #MARTIN AIRCRAFT
        .B-26 AIRCRAFT
        .B-57 AIRCRAFT
  RT % AIRCRAFT

MARTINGALES
  1902
  RT    DECISION THEORY
        GAME THEORY
     % MATHEMATICS
        PROBABILITY THEORY
        STOCHASTIC PROCESSES

MARTINIQUE
  1305
  GS    LANDFORMS
        .ISLANDS
        ..WEST INDIES
        ..#MARTINIQUE
        NATIONS
        .FRANCE
        .#MARTINIQUE
  RT    CARIBBEAN REGION

MARVS (PROGRAMMING LANGUAGE)
  0802
  GS    LANGUAGES
        .PROGRAMMING LANGUAGES
        ..MACHINE ORIENTED LANGUAGES
        ..#MARVS (PROGRAMMING LANGUAGE)

MARYLAND
  1305
  GS    NATIONS
        .UNITED STATES
        .#MARYLAND
  RT    ALLEGHENY PLATEAU (US)
        ASSATEAGUE ISLAND (MD-VA)
        CHESAPEAKE BAY (US)
        DELMARVA PENINSULA (DE-MD-VA)
        POTOMAC RIVER VALLEY (MD-VA-WV)
        SUSQUEHANNA RIVER BASIN (MD-NY-PA)

MASCONS
  1307 1309 2311 2405
  GS    COMPOSITION (PROPERTY)
        .CONCENTRATION (COMPOSITION)
        .#MASCONS
  RT    CENTER OF MASS
        GRAVITY ANOMALIES
        MASS
        WEIGHT (MASS)

MASER MATERIALS
  1601
  RT    LASER MATERIALS
        MASERS
     % MATERIALS
```

% MATERIALS SCIENCE

MASER OUTPUTS
1601 2306 2402
GS OUTPUT
#MASER OUTPUTS
RT % COHERENCE
DIFFRACTION RADIATION
LASER OUTPUTS
MASER PUMPING
PULSE DURATION
RADIANT FLUX DENSITY
WATER MASERS
WAVELENGTHS

MASER PUMPING
1601
RT LASER PUMPING
MASER OUTPUTS
MASERS
OPTICAL PUMPING
% PUMPING

MASER RESONATORS
USE MASERS

MASERS
1601
UF MASER RESONATORS
PARAMAGNETIC AMPLIFIERS
RASERS
GS STIMULATED EMISSION DEVICES
#MASERS
..GAS MASERS
...HYDROGEN MASERS
..INTERSTELLAR MASERS
..PROTON MASERS
..TRAVELING WAVE MASERS
..WATER MASERS
RT AMPLIFIERS
ATOMIC CLOCKS
COHERENT ELECTROMAGNETIC RADIATION
CROSS RELAXATION
DIFFRACTION RADIATION
FREQUENCY STANDARDS
KRYPTON FLUORIDE LASERS
LASERS
MASER MATERIALS
MASER PUMPING
MICROWAVE AMPLIFIERS
MOLECULAR OSCILLATORS
RESONATORS
STIMULATED EMISSION
TRANSIENT OSCILLATIONS
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS

MASKING
0702 0802
GS #MASKING
.TARGET MASKING
RT AUDIOMETRY
CHEMISORPTION
COVERINGS
PHOTOMASKS

MASKS
0504 0507 0508 1504
GS #MASKS
.OXYGEN MASKS
RT CHEMICAL DEFENSE
PROTECTIVE CLOTHING

MASONITE (TRADEMARK)
1805
RT CELLULOSE
% CONSTRUCTION MATERIALS
TREES (PLANTS)
WOOD

MASONRY
1805 3202 3203
GS #MASONRY
.BRICKS
RT CEMENTS
CERAMICS
CLAYS
CONCRETES
CONSTRUCTION
% CONSTRUCTION MATERIALS
MORTARS (MATERIAL)
STRUCTURAL MEMBERS
TILES
VENEERS

MASS
2311 2405 3408
UF LOW MASS
GS #MASS
.CENTER OF MASS
.CRITICAL MASS
.GALACTIC MASS
.MISSING MASS (ASTROPHYSICS)
.PARTICLE MASS
..ELECTRON MASS
.PLANETARY MASS
.STELLAR MASS
.SUBCRITICAL MASS
RT CENTER OF GRAVITY
DE BROGLIE WAVELENGTHS
INERTIA
MASCONS
MASS TO LIGHT RATIOS
MOMENTS OF INERTIA
NEGATIVE MATTER
RELATIVISTIC EFFECTS
WEIGHT (MASS)

% MASS BALANCE
0101 0102 2308
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BALANCE
MASS DISTRIBUTION
MATERIAL BALANCE
VARIABLE MASS SYSTEMS

MASS DISTRIBUTION
2405 2901 3001 3005 3009
GS DISTRIBUTION (PROPERTY)
#MASS DISTRIBUTION
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
ANGULAR DISTRIBUTION
BALANCE
BALLAST (MASS)
CHARGE DISTRIBUTION
COSMOLOGY
COUNTERBALANCES
DENSITY WAVE MODEL
% DISTRIBUTION
FLUX DENSITY
FORCE DISTRIBUTION
GALACTIC MASS
INTERGALACTIC MEDIA
INTERPLANETARY MEDIUM
INTERSTELLAR MATTER
LOADING MOMENTS
LOADS (FORCES)
% MASS BALANCE
MASS TO LIGHT RATIOS
METEOROID CONCENTRATION
MISSING MASS (ASTROPHYSICS)
MOMENT DISTRIBUTION
MOMENTS OF INERTIA
PRESSURE DISTRIBUTION
SIZE DISTRIBUTION
STAR DISTRIBUTION
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
VARIABLE MASS SYSTEMS

MASS DRIVERS
2402 2803 2808

RT % ACCELERATORS
ELECTROMAGNETIC ACCELERATION
ELECTROMAGNETIC PROPULSION
LAUNCHERS
MAGNETIC LEVITATION VEHICLES
MOON-EARTH TRAJECTORIES
PROPULSION
RAILGUN ACCELERATORS
SPACECRAFT PROPULSION

MASS FILTERS
USE FLUID FILTERS

MASS FLOW
1202 1203 1204
GS FLUID FLOW
#MASS FLOW
RT CROCCO-LEE THEORY
% FLOW
FLOW THEORY
GAS FLOW
KELVIN-HELMHOLTZ INSTABILITY
KINETIC THEORY
LAMINAR FLOW
LEWIS NUMBERS
LIQUID FLOW
MOLECULAR INTERACTIONS
MULTIPHASE FLOW
PIPE FLOW
SEDIMENT TRANSPORT
SINGLE-PHASE FLOW
SLIDING
SLUMPING
SOLIDS FLOW
STEADY FLOW
STEAM FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

MASS FLOW FACTORS
1202 1203 1204
RT DISCHARGE COEFFICIENT
FLOW COEFFICIENTS
HEAT TRANSFER COEFFICIENTS
HEAT TRANSMISSION
NOZZLE GEOMETRY

MASS FLOW RATE
1202 1203 1204 1408 3501
GS RATES (PER TIME)
#MASS FLOW RATE
RT CONVECTIVE FLOW
DIFFUSION COEFFICIENT
FLOW VELOCITY
PNEUMATIC PROBES
SPECIFIC IMPULSE
TRANSIENT PRESSURES

MASS RATIOS
3009 3203
GS RATIOS
#MASS RATIOS
..MASS TO LIGHT RATIOS
..MIXING RATIOS
..PAYLOAD MASS RATIO
..PROPELLANT MASS RATIO
RT METALLICITY
PRESSURE RATIO
STRUCTURAL WEIGHT
THRUST-WEIGHT RATIO

MASS SPECTRA
0601 1405 1411 2310 2402 2903
GS SPECTRA
#MASS SPECTRA
RT ENERGY SPECTRA
MOLECULAR SPECTRA
RADIATION SPECTRA

MASS SPECTROMETERS
0601 1405 1411 2310
UF ION SPECTROMETERS
RETARDING ION MASS SPECTROMETERS
GS MEASURING INSTRUMENTS
.SPECTROMETERS
.#MASS SPECTROMETERS
RT CHEMICAL ANALYSIS
GAS ANALYSIS
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
QUALITATIVE ANALYSIS
SECONDARY ION MASS SPECTROMETRY

MASS SPECTROMETRY
USE MASS SPECTROSCOPY

MASS SPECTROSCOPY
0601 1411 2306 2310
UF MASS SPECTROMETRY
GS SPECTROSCOPY
#MASS SPECTROSCOPY
RT CHEMICAL ANALYSIS
GAS SPECTROSCOPY
MAGNETIC SPECTROSCOPY
NUCLEAR RADIATION SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY

MASS TO LIGHT RATIOS
3001
GS RATIOS
.MASS RATIOS
.#MASS TO LIGHT RATIOS
RT ASTRONOMY
ASTROPHYSICS
GALACTIC RADIATION
INDEXES (RATIOS)
LUMINOSITY
LUMINOUS INTENSITY
MASS
MASS DISTRIBUTION
MISSING MASS (ASTROPHYSICS)
RADIANT FLUX DENSITY
STELLAR LUMINOSITY
STELLAR MASS

MASS TRANSFER
1203 2304 2311 3303 3304 3501
RT ABLATION
CHARGE TRANSFER
CONVECTIVE FLOW
CONVECTIVE HEAT TRANSFER
ENERGY TRANSFER
GAS TRANSPORT
GAS-LIQUID INTERACTIONS
HEAT TRANSFER
LEWIS NUMBERS
POROUS BOUNDARY LAYER CONTROL
SEDIMENT TRANSPORT
TRANSFERRING
TRANSPIRATION

MASSACHUSETTS
1305
GS NATIONS
.UNITED STATES
.#MASSACHUSETTS

MASSAGING
0405 0408
GS THERAPY
#MASSAGING
RT FATIGUE (BIOLOGY)
RELAXATION (PHYSIOLOGY)

MASSIFS
1306
GS LANDFORMS
#MASSIFS
RT EARTH CRUST
% FAULTS
GEOLOGICAL FAULTS
GEOLOGY
MOUNTAINS

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MASSIVE STARS
  3001 3002
  GS   CELESTIAL BODIES
       .STARS
       .#MASSIVE STARS
  RT   BLACK HOLES (ASTRONOMY)
       DEGENERATE MATTER
       STELLAR MASS
       SUPERGIANT STARS
       SUPERMASSIVE STARS

MASSIVELY PARALLEL PROCESSORS
  0801
  UF   MPP (COMPUTERS)
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...PARALLEL COMPUTERS
       ...#MASSIVELY PARALLEL PROCESSORS
       .....CONNECTION MACHINE
  RT   ARCHITECTURE (COMPUTERS)
       PARALLEL PROCESSING (COMPUTERS)

MAST SHOCK TUBES
  USE  MAGNETIC ANNULAR SHOCK TUBES

MASTICATION
  0404
  UF   CHEWING
  RT   DIGESTING
       EATING
       TEETH

MASTOIDS
  0404 0405
  GS   ANATOMY
       .HEAD (ANATOMY)
       ..SKULL
       ..#MASTOIDS
       .MUSCULOSKELETAL SYSTEM
       ..BONES
       ...SKULL
       ...#MASTOIDS
  RT   CRANIUM
       EAR

MATCHED FILTERS
  0701 0702 0703 0704 0705
  GS   ELECTROMAGNETIC WAVE FILTERS
       #MATCHED FILTERS
  RT   COMMUNICATION EQUIPMENT
       DEMODULATORS
     % FILTERS
       MODULATORS
       SIGNAL TO NOISE RATIOS

MATCHING
  0802 0902 1001
  RT   ADJUSTING
       COMPARISON
       FITTING
       HOMOLOGY
       IMAGE RESOLUTION
       IMPEDANCE MATCHING
       MISMATCH (ELECTRICAL)
       PATTERN REGISTRATION

MATERIAL ABSORPTION
  0602
  RT   ABSORBENTS
       ABSORBERS (EQUIPMENT)
     % ABSORPTION
       ASSIMILATION
       EXTRACTION
       HYGROSCOPICITY
       RADIATION ABSORPTION
       SORPTION
       WATER TREATMENT

MATERIAL BALANCE
  0602 3303
  GS  #MATERIAL BALANCE
       .WATER BALANCE
  RT   BALANCE
       HEAT BALANCE
     % MASS BALANCE
       STOICHIOMETRY

MATERIAL REMOVAL (MACHINING)
  USE  MACHINING

MATERIAL STRENGTH
  USE  MECHANICAL PROPERTIES

% MATERIALS
  0403 0603 0906 1704 1805 2602
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  UF   SUBSTANCES
  RT   ABLATIVE MATERIALS
       ABSORBENTS
       ABSORBERS (MATERIALS)
       ACCEPTOR MATERIALS
       AGING (MATERIALS)
       AIRCRAFT CONSTRUCTION MATERIALS
       AIRFRAME MATERIALS
       AMORPHOUS MATERIALS
       ANISOTROPIC MEDIA
       BINARY SYSTEMS (MATERIALS)
       BINDERS (MATERIALS)
       BITUMENS
       BORON REINFORCED MATERIALS
       BORSIC (TRADENAME)
       BRITTLE MATERIALS
       CARBONACEOUS MATERIALS
       COMPOSITE MATERIALS
       CONCRETE STRUCTURES
     % CONSTRUCTION MATERIALS
       CONTAMINANTS
       CORK (MATERIALS)
       CURL (MATERIALS)
       DISLOCATIONS (MATERIALS)
       DONOR MATERIALS
       DREDGED MATERIALS
       ELECTRIC FURNACES
       ELECTRONS
       EPOXY MATRIX COMPOSITES
       FATIGUE (MATERIALS)
       FERRIMAGNETIC MATERIALS
       FERROMAGNETIC MATERIALS
       FISSIONABLE MATERIALS
       FOAMS
       FOILS (MATERIALS)
       FRACTURES (MATERIALS)
       GLASS
       GLASSY CARBON
       GRANULAR MATERIALS
       GRAPHITE-EPOXY COMPOSITES
       HOLES (ELECTRON DEFICIENCIES)
     % INORGANIC MATERIALS
       INSULATION
       LAMINATES
       LASER MATERIALS
       LOSSLESS MATERIALS
       LOW DENSITY MATERIALS
       MAGNETIC MATERIALS
       MASER MATERIALS
       MATERIALS HANDLING
       MATERIALS RECOVERY
     % MATERIALS SCIENCE
     % MATERIALS TESTS
       MATRIX MATERIALS
       MECHANICAL PROPERTIES
       METAL MATRIX COMPOSITES
       MOLDING MATERIALS
       NONFLAMMABLE MATERIALS
       OPTICAL MATERIALS
       ORGANIC MATERIALS
       PAPER (MATERIAL)
       PHASE CHANGE MATERIALS
       PHOTOELASTIC MATERIALS
       PHOTOELECTRIC MATERIALS
       POLYMER MATRIX COMPOSITES
```

POROUS MATERIALS
PYROLYTIC MATERIALS
PYROPHORIC MATERIALS
RADIOACTIVE MATERIALS
RADOME MATERIALS
REACTOR MATERIALS
REFRACTORY MATERIALS
REINFORCING MATERIALS
RESERVES
RESOURCES
SELF LUBRICATING MATERIALS
SEMICONDUCTORS (MATERIALS)
SIZING MATERIALS
SOLIDS
SPACECRAFT CONSTRUCTION MATERIALS
SPONGES (MATERIALS)
STRATEGIC MATERIALS
SUPERHYBRID MATERIALS
THERMOCHROMATIC MATERIALS
THERMOELECTRIC MATERIALS
THICKENERS (MATERIALS)
THREE DIMENSIONAL COMPOSITES
VITREOUS MATERIALS
VYCOR

MATERIALS HANDLING
1502 3404 1103
GS #MATERIALS HANDLING
.GROUND HANDLING
.PROPELLANT TRANSFER
.REMOTE HANDLING
RT AIRFIELD SURFACE MOVEMENTS
% AUTOMATION
BLOWERS
CANALS
CARGO
CARGO AIRCRAFT
CARTS
CHEMICAL ENGINEERING
CHUTES
% CONTAINERS
CONTINGENCY
CONVEYORS
CRANES
DELIVERY
DISPENSERS
DISPOSAL
DISTRIBUTING
% DISTRIBUTION
DISTRIBUTORS
DOLLIES
DUMPING
EJECTION
EJECTORS
EMPTYING
ENCAPSULATING
EXCAVATION
FEEDERS
FEEDING (SUPPLYING)
FLUID FLOW
FUEL PUMPS
HAULING
HEAVY LIFT AIRSHIPS
HOPPERS
LOADING OPERATIONS
LUNAR LOGISTICS
MARKING
% MATERIALS
MECHANICAL ENGINEERING
MINES (EXCAVATIONS)
MOORING
PACKAGING
PIPELINES
% PUMPING
PUMPS
RAILROAD HUMPING TESTS
RELEASING
RIGGING
SERVICES
SIPHONS
SPRAYERS
SPREADING
STACKS
% STORAGE
TANKS (CONTAINERS)
TRACTORS
TRANSFERRING
TRANSPORTATION
TRUCKS
UNLOADING
VACUUM PUMPS
WASTE DISPOSAL
WHARVES

MATERIALS RECOVERY
0602 3404 3407
SN (LIMITED TO TREATMENT OF A MATERIAL TO RECLAIM ONE OR MORE OF ITS COMPONENTS)
GS RECLAMATION
#MATERIALS RECOVERY
..NUCLEAR FUEL REPROCESSING
..SOLVOLYSIS
..WATER RECLAMATION
RT % ABSORPTION
BY-PRODUCTS
CENTRIFUGING
CRYSTALLIZATION
DISPOSAL
DISTILLATION
EXTRACTION
FILTRATION
% MATERIALS
% PRECIPITATION
PRECIPITATION (CHEMISTRY)
% PROCESSING
% RECOVERY
RECYCLING
REFINING
REMOVAL
% SEPARATION

% MATERIALS SCIENCE
0603 1704 2311 2601 2603 3202 3203 3404
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CERAMICS
LASER CUTTING
MASER MATERIALS
% MATERIALS
METAL FOAMS
PLASTICS
% PROPERTIES
% SCIENCE

MATERIALS TESTING REACTORS
USE NUCLEAR RESEARCH AND TEST REACTORS

% MATERIALS TESTS
1505 1704 1805 3404
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BEND TESTS
BURST TESTS
CHARPY IMPACT TEST
CHEMICAL ANALYSIS
COMPRESSION TESTS
CORROSION TESTS
DESTRUCTIVE TESTS
ELECTROPHOTOMETRY
ENVIRONMENTAL TESTS
FATIGUE TESTS
FUEL TESTS
GAS ANALYSIS
HARDNESS TESTS
HIGH TEMPERATURE TESTS
IMPACT TESTS
LUBRICANT TESTS
MAGNETIC MEASUREMENT
% MATERIALS
MECHANICAL PROPERTIES
METALLOGRAPHY

MICROANALYSIS
NEUTRON RADIOGRAPHY
NONDESTRUCTIVE TESTS
PROPELLANT TESTS
QUALITY
QUALITY CONTROL
RADIOGRAPHY
SPECIFICATIONS
STATIC TESTS
% TESTS
ULTRASONIC TESTS
WEAR TESTS
X RAY ANALYSIS
X RAY SPECTROSCOPY

MATHEMATICAL ANALYSIS
USE APPLICATIONS OF MATHEMATICS

MATHEMATICAL LOGIC
0802 1902
GS #MATHEMATICAL LOGIC
.ALGORITHMS
..GENETIC ALGORITHMS
..PARSING ALGORITHMS
..SIMPLEX METHOD
.AXIOMS
.FORMULAS (MATHEMATICS)
..BETHE-HEITLER FORMULA
.LATTICES (MATHEMATICS)
..BOOLEAN ALGEBRA
...BOOLEAN FUNCTIONS
.PREDICATE CALCULUS
.SET THEORY
..BOREL SETS
..EQUIVALENCE
..THRESHOLD LOGIC
RT BRANCHING (MATHEMATICS)
FUNCTIONS (MATHEMATICS)
HYPOTHESES
INDUCTION (MATHEMATICS)
INSTRUCTION SETS (COMPUTERS)
% LOGIC
PHILOSOPHY
PROVING
THEOREMS
TURING MACHINES
VENN DIAGRAMS

MATHEMATICAL MODELS
0804 1902 4001
GS MODELS
#MATHEMATICAL MODELS
..ANALOG SIMULATION
..BGK MODEL
..BIOLOGICAL MODELS (MATHEMATICS)
..DIGITAL SIMULATION
..MANDELSTAM REPRESENTATION
..PETRI NETS
..THOMAS-FERMI MODEL
..TURBULENCE MODELS
...K-EPSILON TURBULENCE MODEL
..VENEZIANO MODEL
RT AIRCRAFT MODELS
% APPLICATIONS OF MATHEMATICS
ASTRONOMICAL MODELS
ASYMPTOTIC PROPERTIES
ATMOSPHERIC MODELS
BOND GRAPHS
BROKEN SYMMETRY
CHAOS
COMPUTATIONAL ASTROPHYSICS
COMPUTATIONAL GRIDS
COMPUTER SYSTEMS SIMULATION
COMPUTERIZED SIMULATION
CONTINUUM MODELING
CONTROL SYSTEMS DESIGN
DECISION THEORY
DYNAMIC MODELS
DYNAMIC PROGRAMMING
DYNAMICAL SYSTEMS
EXHAUST FLOW SIMULATION
EXPERIMENT DESIGN
FACTORIAL DESIGN
FLOW CHARTS
FOOTPRINTS
FORECASTING
FUNCTIONS (MATHEMATICS)
GAME THEORY
GOODNESS OF FIT
GRAPH THEORY
INELASTIC STRESS
INVENTORY CONTROLS
LIKELIHOOD RATIO
LINEAR PREDICTION
LOFTING
LUMPED PARAMETER SYSTEMS
METHOD OF MOMENTS
% MISSILE SIMULATORS
MODEL REFERENCE ADAPTIVE CONTROL
MONTE CARLO METHOD
NUMERICAL WEATHER FORECASTING
OCEAN MODELS
OPERATIONS RESEARCH
OUTLIERS (STATISTICS)
PARAMETER IDENTIFICATION
PARAMETERIZATION
QUANTILES
QUEUEING THEORY
REGRESSION COEFFICIENTS
RISK
ROBUSTNESS (MATHEMATICS)
SCHEDULING
SIMILARITY THEOREM
SIMULATION
SPACECRAFT MODELS
SPATIAL DEPENDENCIES
STATISTICAL DISTRIBUTIONS
STOCHASTIC PROCESSES
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
SYSTEMS SIMULATION
THREE DIMENSIONAL MODELS
TRAJECTORY ANALYSIS
TWO DIMENSIONAL BODIES
TWO DIMENSIONAL MODELS
VALIDITY
WAR GAMES

MATHEMATICAL PROGRAMMING
0802
SN (LIMITED TO MATHEMATICAL OPTIMIZATION THEORY--EXCLUDES COMPUTER PROGRAMMING)
GS OPTIMIZATION
#MATHEMATICAL PROGRAMMING
..DYNAMIC PROGRAMMING
..LINEAR PROGRAMMING
..NONLINEAR PROGRAMMING
..QUADRATIC PROGRAMMING
RT GAME THEORY
OPERATIONS RESEARCH
% PROGRAMMING
SIMPLEX METHOD

MATHEMATICAL TABLES
1902 1905
GS TABLES (DATA)
#MATHEMATICAL TABLES
RT INFORMATION
NUMERICAL ANALYSIS
RANDOM NUMBERS

% MATHEMATICS
1902
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ALGEBRA
ANALYSIS (MATHEMATICS)
AXIOMS
BOND GRAPHS
CALCULUS
CURRENT ALGEBRA
DUALITY THEOREM

FORMULAS (MATHEMATICS)
FRACTALS
FUNCTIONS (MATHEMATICS)
GEOMETRY
INEQUALITIES
INFORMATION THEORY
INTEGRALS
LATIN SQUARE METHOD
LATTICES (MATHEMATICS)
MARTINGALES
MORPHOLOGY
NUMBER THEORY
NUMERICAL ANALYSIS
PRIMITIVE EQUATIONS
% PRINCIPLES
PROBABILITY THEORY
RINGS (MATHEMATICS)
% SCIENCE
SERIES EXPANSION
STARS (MATHEMATICS)
STATISTICAL ANALYSIS
SUPERPOSITION (MATHEMATICS)
SYMBOLS
THEOREMS

MATHIEU EQUATION
USE MATHIEU FUNCTION

MATHIEU FUNCTION
1902
UF MATHIEU EQUATION
GS ANALYSIS (MATHEMATICS)
.COMPLEX VARIABLES
.#MATHIEU FUNCTION
FUNCTIONS (MATHEMATICS)
#MATHIEU FUNCTION
RT BOUNDARY VALUE PROBLEMS
DIFFERENTIAL EQUATIONS
EIGENVECTORS
% EQUATIONS
HILL DETERMINANT
ORTHOGONAL FUNCTIONS

MATRA MISSILE
3101 3409
GS MISSILES
.AIR TO AIR MISSILES
.#MATRA MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

% MATRICES
0801 0802 1902
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
EUTECTIC COMPOSITES
% GRIDS
% IMBEDDINGS
LATTICES (MATHEMATICS)
MATRICES (CIRCUITS)
MATRICES (MATHEMATICS)
METAL MATRIX COMPOSITES
MONOTECTIC ALLOYS
POLYMER MATRIX COMPOSITES

MATRICES (CIRCUITS)
0802 0902 1001
GS CIRCUITS
#MATRICES (CIRCUITS)
RT LOGIC CIRCUITS
% MATRICES
SWITCHING CIRCUITS

MATRICES (MATHEMATICS)
1902
UF DIFFERENTIAL ALGEBRA
MATRIX ANALYSIS
GS ALGEBRA
.VECTOR SPACES
.#MATRICES (MATHEMATICS)
...ADJOINTS
...CANONICAL FORMS
...EIGENVALUES
...EIGENVECTORS
...HESSIAN MATRICES
...JORDAN FORM
...STIFFNESS MATRIX
RT ARRAYS
CHIRAL DYNAMICS
DETERMINANTS
ENERGY METHODS
FACTOR ANALYSIS
FINITE ELEMENT METHOD
GAUSSIAN ELIMINATION
HERMITIAN POLYNOMIAL
ISOPERIMETRIC PROBLEM
LINEAR EQUATIONS
LINEAR PROGRAMMING
LINEAR TRANSFORMATIONS
LUMPED PARAMETER SYSTEMS
% MATRICES
METHOD OF MOMENTS
ROOTS OF EQUATIONS
SIMPLEX METHOD
SIMULTANEOUS EQUATIONS
SUBGROUPS
U SPIN SPACE
WALSH FUNCTION

MATRIX ANALYSIS
USE MATRICES (MATHEMATICS)

MATRIX MANAGEMENT
3406
GS MANAGEMENT
#MATRIX MANAGEMENT
RT ALLOCATIONS
LOGISTICS
MANAGEMENT METHODS
% METHODOLOGY
OPERATIONS RESEARCH
PRODUCTIVITY
PROJECT PLANNING
SCHEDULING
TASKS

MATRIX MATERIALS
1801
RT BISMALEIMIDE
CERAMIC MATRIX COMPOSITES
COMPOSITE MATERIALS
DEBONDING (MATERIALS)
EPOXY MATRIX COMPOSITES
FIBER COMPOSITES
FUNCTIONALLY GRADIENT MATERIALS
LAMINATES
% MATERIALS
METAL MATRIX COMPOSITES
POLYMER MATRIX COMPOSITES
REINFORCING MATERIALS
RESIN MATRIX COMPOSITES
RESIN TRANSFER MOLDING

MATRIX METHODS
0802 1902 3203
SN (LIMITED TO METHODS FOR STRUCTURAL ANALYSIS)
UF MATRIX STRESS CALCULATION
GS STRUCTURAL ANALYSIS
#MATRIX METHODS
RT EQUILIBRIUM METHODS
% METHODOLOGY
NASTRAN
SPLINE FUNCTIONS

MATRIX STRESS CALCULATION
USE MATRIX METHODS

MATRIX THEORY
1902
RT OPERATORS (MATHEMATICS)
% THEORIES

```
MATTER (PHYSICS)
  0401 0404 0603 2311 2401 2404 2405
  GS   #MATTER (PHYSICS)
       .DARK MATTER
       .DEGENERATE MATTER
       .NEGATIVE MATTER
  RT   ANTIMATTER
       CONDENSED MATTER PHYSICS
       EXTRATERRESTRIAL MATTER
     % PHYSICS
       ROTATING MATTER

MATTER-ANTIMATTER PROPULSION
  2800 2808
  GS   PROPULSION
       .SPACECRAFT PROPULSION
       .#MATTER-ANTIMATTER PROPULSION
  RT   ANNIHILATION REACTIONS
       ANTIMATTER
       INTERPLANETARY FLIGHT
       INTERPLANETARY SPACECRAFT
       INTERSTELLAR TRAVEL
       NEGATIVE MATTER PROPULSION
       NUCLEAR PROPULSION
       POSITRON ANNIHILATION
       ROCKET ENGINES

MATTS (SYSTEMS)
  0709
  UF   MULTIPLE TARGET TRAJECTORY SYSTEMS
  GS   TRACKING NETWORKS
       #MATTS (SYSTEMS)
  RT   ABORT TRAJECTORIES
       AIRBORNE EQUIPMENT
       ANGULAR CORRELATION
       TARGET ACQUISITION

MATURING
  USE  GROWTH

MAULER MISSILE
  3101 3401
  GS   MISSILES
       .ANTIAIRCRAFT MISSILES
       .#MAULER MISSILE
       .ANTIMISSILE MISSILES
       .#MAULER MISSILE
       .SURFACE TO AIR MISSILES
       .#MAULER MISSILE
  RT   SINGLE STAGE ROCKET VEHICLES
       SOLID PROPELLANT ROCKET ENGINES

MAURITANIA
  1305
  GS   NATIONS
       #MAURITANIA
  RT   AFRICA

MAURITIUS
  1305
  GS   LANDFORMS
       .ISLANDS
       .#MAURITIUS
       NATIONS
       #MAURITIUS
  RT   AFRICA
       INDIAN OCEAN

MAVERICK MISSILES
  3101 3106 3401
  GS   MISSILES
       .AIR TO SURFACE MISSILES
       .#MAVERICK MISSILES

MAX HOLSTE MH-262 AIRCRAFT
  USE  MH-262 AIRCRAFT

MAXIMA
  1902
  GS   ANALYSIS (MATHEMATICS)
       .REAL VARIABLES
       ..EXTREMUM VALUES
       ..#MAXIMA
  RT   APEXES
       CALCULUS OF VARIATIONS
       CUSPS (MATHEMATICS)
       MINIMA
       OPTIMIZATION
     % PEAKS
       PENALTY FUNCTION
       RANGE (EXTREMES)
       ZENITH

MAXIMUM ENTROPY METHOD
  1802
  GS   ENTROPY (STATISTICS)
       #MAXIMUM ENTROPY METHOD
       SPECTRUM ANALYSIS
       #MAXIMUM ENTROPY METHOD
  RT   DISTRIBUTION FUNCTIONS
       ENTROPY
       FOURIER TRANSFORMATION
       INFORMATION THEORY
     % METHODOLOGY
       POWER SPECTRA
       SIGNAL PROCESSING
       SIGNAL TO NOISE RATIOS
       STATISTICAL ANALYSIS
       TIME SERIES ANALYSIS

MAXIMUM LIKELIHOOD ESTIMATES
  1902 3406
  RT   CONFIDENCE LIMITS
       FORECASTING
       GOODNESS OF FIT
       LIKELIHOOD RATIO
       PARAMETER IDENTIFICATION
       PREDICTIONS
       RELIABILITY
       RISK
       SYSTEM IDENTIFICATION

MAXIMUM PRINCIPLE
  0802 1902
  RT   COMPLEX VARIABLES
       DIFFERENTIAL EQUATIONS
       ELLIPTIC DIFFERENTIAL EQUATIONS
       HARMONIC FUNCTIONS
       PONTRYAGIN PRINCIPLE
       REAL VARIABLES

MAXIMUM USABLE FREQUENCY
  0702 0705 0710
  GS   FREQUENCIES
       #MAXIMUM USABLE FREQUENCY
  RT   FREQUENCY ASSIGNMENT
       FREQUENCY REUSE
       HIGH FREQUENCIES
       VERY HIGH FREQUENCIES

MAXWELL BODIES
  1202 1203 2308
  RT   CLASSICAL MECHANICS
       CONTINUUM MECHANICS
       HOOKES LAW
       OSCILLATION DAMPERS
       RELAXATION TIME

MAXWELL EQUATION
  1203 1902 2402 2502
  RT   BOLTZMANN-VLASOV EQUATION
       BORN-INFELD THEORY
       ELECTRICITY
       ELECTRODYNAMICS
       ELECTROMECHANICS
     % EQUATIONS
       GAUSS EQUATION
       MAGNETIC CHARGE DENSITY
       MAGNETIC PROPERTIES
       MAGNETOELECTRIC MEDIA
       POYNTING THEOREM
     % STOKES LAW

MAXWELL FLUIDS
  1202 2502
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  RT   COMPRESSIBLE FLUIDS
       FLUID MECHANICS
     % FLUIDS
       RHEOLOGY
       VISCOELASTICITY
       VISCOUS FLOW
       VISCOUS FLUIDS

MAXWELL-BOLTZMANN DENSITY FUNCTION
  1202 1902
  UF   MAXWELLIAN DISTRIBUTION (DENSITY)
  GS   FUNCTIONS (MATHEMATICS)
       #MAXWELL-BOLTZMANN DENSITY FUNCTION
       STATISTICAL ANALYSIS
       #MAXWELL-BOLTZMANN DENSITY FUNCTION
  RT   DENSITY DISTRIBUTION
       KINETIC THEORY
       PROBABILITY THEORY
       STATISTICAL MECHANICS

MAXWELL-MOHR METHOD
  2307 3203
  RT   DEFLECTION
     % EQUILIBRIUM
     % METHODOLOGY
       STATIC DEFORMATION
       TRUSSES

MAXWELLIAN DISTRIBUTION (DENSITY)
  USE  MAXWELL-BOLTZMANN DENSITY FUNCTION

MAYER PROBLEM
  1203 2404 3304
  RT % CONDENSATION
       CRITICAL POINT
       GIBBS FREE ENERGY
     % MOLECULAR PHYSICS
     % PROBLEMS
       SUPERSATURATION

MAYPOLE ANTENNAS
  0701
  RT   ANTENNA DESIGN
       LARGE SPACE STRUCTURES
       SPACE ERECTABLE STRUCTURES

MAZE LEARNING
  0410 0502 1902
  GS   LEARNING
       #MAZE LEARNING
  RT   PROBLEM SOLVING

MB-1 ROCKET VEHICLE
  USE  GENIE ROCKET VEHICLE

MBM JUNCTIONS
  0906
  UF   METAL-BARRIER-METAL JUNCTIONS
  GS   SEMICONDUCTOR JUNCTIONS
       #MBM JUNCTIONS
  RT   BARRIER LAYERS
     % BARRIERS
       JUNCTION TRANSISTORS
       SOLID STATE DEVICES

MCDONNELL AIRCRAFT
  0207
  GS   MCDONNELL DOUGLAS AIRCRAFT
       #MCDONNELL AIRCRAFT
       ..C-9 AIRCRAFT
       ..DC 10 AIRCRAFT
       ..F-101 AIRCRAFT
       ..PHANTOM AIRCRAFT
       ...F-4 AIRCRAFT
       ..RF-4 AIRCRAFT
  RT % AIRCRAFT

MCDONNELL DOUGLAS AIRCRAFT
  0204 0207
  GS  #MCDONNELL DOUGLAS AIRCRAFT
       .DOUGLAS AIRCRAFT
       ..A-1 AIRCRAFT
       ..A-3 AIRCRAFT
       ..A-4 AIRCRAFT
       ..B-66 AIRCRAFT
       ..C-9 AIRCRAFT
       ..C-47 AIRCRAFT
       ..C-54 AIRCRAFT
       ..C-118 AIRCRAFT
       ..C-124 AIRCRAFT
       ..C-133 AIRCRAFT
       ..D-558 AIRCRAFT
       ..DC 3 AIRCRAFT
       ..DC 7 AIRCRAFT
       ..DC 8 AIRCRAFT
       ..DC 9 AIRCRAFT
       ..DC 10 AIRCRAFT
       ..PD-808 AIRCRAFT
       ..X-3 AIRCRAFT
       .F-18 AIRCRAFT
       .MCDONNELL AIRCRAFT
       ..C-9 AIRCRAFT
       ..DC 10 AIRCRAFT
       ..F-101 AIRCRAFT
       ..PHANTOM AIRCRAFT
       ...F-4 AIRCRAFT
       ..RF-4 AIRCRAFT
  RT % AIRCRAFT

MCLAURIN SERIES
  USE  MACLAURIN SERIES

MCLEOD GAGES
  1203 1408 1506 3501
  GS   MEASURING INSTRUMENTS
       .PRESSURE GAGES
       ..VACUUM GAGES
       ..#MCLEOD GAGES
       VACUUM APPARATUS
       .VACUUM GAGES
       .#MCLEOD GAGES
  RT   IONIZATION GAGES
       KNUDSEN GAGES
       PIRANI GAGES
       PRESSURE MEASUREMENT

MCMURDO SOUND
  1305
  GS   REGIONS
       .POLAR REGIONS
       ..ANTARCTIC REGIONS
       ..#MCMURDO SOUND
       SOUNDS (TOPOGRAPHIC FEATURES)
       #MCMURDO SOUND
       SOUTHERN HEMISPHERE
       .ANTARCTIC REGIONS
       .#MCMURDO SOUND
  RT   ROSS ICE SHELF

MCR REACTORS
  USE  MILITARY COMPACT REACTORS

MDA
  USE  MULTIPLE DOCKING ADAPTERS

ME P-160 AIRCRAFT
  USE  P-160 AIRCRAFT

ME P-308 AIRCRAFT
  USE  P-308 AIRCRAFT

MEADOWLANDS
  USE  GRASSLANDS

MEAN
  1902
  GS   AVERAGE
       #MEAN
       MOMENTS
       .DISTRIBUTION MOMENTS
       .#MEAN
  RT   MEDIAN (STATISTICS)
       MODE (STATISTICS)
       NORMALITY
       QUALITY CONTROL
```

```
      RANGE (EXTREMES)
      STATISTICAL ANALYSIS
      VARIANCE (STATISTICS)

MEAN FREE PATH
  2301 2402 2403
  RT  COLLISION PARAMETERS
    % CROSS SECTIONS
      KNUDSEN FLOW
      PARTICLE COLLISIONS
      PARTICLE MOTION
    % PATHS
      SCATTERING
      VACUUM

MEAN SQUARE VALUES
  1902 3501
  GS  ANALYSIS (MATHEMATICS)
      .NUMERICAL ANALYSIS
      ..APPROXIMATION
      ..#MEAN SQUARE VALUES
  RT  ALGORITHMS
      ERROR ANALYSIS
      LEAST SQUARES METHOD

MEAN TIME BETWEEN FAILURES
  USE MTBF

MEANDERS
  1305 1306
  RT  OPEN CHANNEL FLOW
      RAPIDS
      RIVER BASINS
      RIVERS
      STREAMS
      TOPOGRAPHY
      VALLEYS

MEASURE AND INTEGRATION
  1902
  UF  INTEGRATION (REAL VARIABLES)
      MEASURE THEORY
      RIEMANN INTEGRAL
  GS  ANALYSIS (MATHEMATICS)
      .REAL VARIABLES
      .#MEASURE AND INTEGRATION
      ...BINARY INTEGRATION
      ...BOREL SETS
      ...FUNCTIONAL INTEGRATION
      ...INTEGRAL CALCULUS
      ...J INTEGRAL
      ...LEBESGUE THEOREM
      ...NUMERICAL INTEGRATION
      ....RUNGE-KUTTA METHOD
      ...STIELTJES INTEGRAL
      ...WEIGHTING FUNCTIONS
  RT  FOURIER ANALYSIS

MEASURE THEORY
  USE MEASURE AND INTEGRATION

% MEASUREMENT
  1406 1902 3501
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  UF  DETERMINATION
      MEASURING
      QUANTIZATION
  RT  ACCURACY
      ACOUSTIC MEASUREMENT
      AIRBORNE RANGE AND ORBIT
      DETERMINATION
      AIRCRAFT INSTRUMENTS
      ANALOG DATA
      ASTROMETRY
      AUDIOMETRY
      CHEMICAL ANALYSIS
      CONFIDENCE LIMITS
      CONSISTENCY
      COUNTING
    % DATA
      DEFINITION
      DENSIMETERS
      DENSITY MEASUREMENT
      DEPTH MEASUREMENT
      DETECTION
      DILATOMETRY
      DIMENSIONAL MEASUREMENT
      DOWNRANGE ANTIMISSILE MEASUREMENT
      PROGRAM
      DOWNRANGE MEASUREMENT
      DRAG MEASUREMENT
      EARTH TERMINAL MEASUREMENT SYSTEM
      ELECTRICAL MEASUREMENT
      ELECTROMAGNETIC MEASUREMENT
      ELECTROMAGNETIC NOISE MEASUREMENT
      ELLIPSOMETRY
      ESTIMATING
      EVALUATION
      EXAMINATION
      FLOW MEASUREMENT
      FREQUENCY MEASUREMENT
      FRICTION MEASUREMENT
      GAMMA RAY ABSORPTIOMETRY
      GEOMETRY
      GRAVIMETRY
      HEAT MEASUREMENT
      HIGH ALT TARGET AND BACKGROUND
      MEASUREMENT
      HUMIDITY MEASUREMENT
      IDENTIFYING
      IN SITU MEASUREMENT
      INTERNATIONAL SYSTEM OF UNITS
      LATITUDE MEASUREMENT
      LONGITUDE MEASUREMENT
      MACROSCOPIC EQUATIONS
      MAGNETIC MEASUREMENT
    % MEASURES
      MEASURING INSTRUMENTS
      MECHANICAL MEASUREMENT
      METROLOGY
      MONITORS
      NOISE MEASUREMENT
      NONINTRUSIVE MEASUREMENT
      OPTICAL MEASUREMENT
      OPTOMETRY
      PHOTOGRAPHIC MEASUREMENT
      PNEUMOGRAPHY
      PRESSURE MEASUREMENT
      PROVING
      PUPILLOMETRY
      RADAR MEASUREMENT
      RADIATION MEASUREMENT
      RADIOACTIVE AGE DETERMINATION
      RANGEFINDING
      SIGNAL MEASUREMENT
      SIZE DETERMINATION
      SOUNDING
      SPHYGMOGRAPHY
      STANDARDS
      STRAIN MEASUREMENT
      SYNOPTIC MEASUREMENT
      TEMPERATURE MEASUREMENT
      THRUST MEASUREMENT
      TIME MEASUREMENT
      TRAJECTORY MEASUREMENT
      ULTRASONIC DENSIMETERS
      UNITS OF MEASUREMENT
      VELOCITY MEASUREMENT
      VIBRATION MEASUREMENT
      WEIGHT MEASUREMENT
      WIND MEASUREMENT

% MEASURES
  1406 1902
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  CRITERIA
    % MEASUREMENT
      STANDARDS

MEASURING
  USE MEASUREMENT
```

MEASURING INSTRUMENTS
0501 1406 3501
UF FLUXMETERS
GAGES
METERS
RATE METERS
GS #MEASURING INSTRUMENTS
.ACCELEROMETERS
..STRAIN GAGE ACCELEROMETERS
.AMMETERS
..MICROMILLIAMMETERS
..THERMOELEMENT AMMETERS
.ANALYZERS
..ENGINE ANALYZERS
..SIGNAL ANALYZERS
.ANEMOMETERS
..DRAG FORCE ANEMOMETERS
..HOT-FILM ANEMOMETERS
..HOT-WIRE ANEMOMETERS
..LASER ANEMOMETERS
..SONIC ANEMOMETERS
.BALLOON-BORNE INSTRUMENTS
.BATHYMETERS
.BURETTES
.CALORIMETERS
..BOMB CALORIMETERS
..DROP CALORIMETERS
..FLAME CALORIMETERS
.COMPARATORS
.CONDUCTIVITY METERS
..ELECTRICAL CONDUCTIVITY METERS
.COULOMETERS
.COUNTERS
..RADIATION COUNTERS
...CERENKOV COUNTERS
...ELECTRON COUNTERS
...GEIGER COUNTERS
...NEUTRON COUNTERS
....NEUTRON SPECTROMETERS
...PARTICLE TELESCOPES
...PROPORTIONAL COUNTERS
...QUANTUM COUNTERS
...SCINTILLATION COUNTERS
...SPARK CHAMBERS
.DEFORMETERS
.DENSIMETERS
..ULTRASONIC DENSIMETERS
.DENSITOMETERS
..MICRODENSITOMETERS
.DISTANCE MEASURING EQUIPMENT
..ALTIMETERS
...LASER ALTIMETERS
...RADIO ALTIMETERS
..GEODIMETERS
..RANGE FINDERS
...OPTICAL RANGE FINDERS
....LASER RANGE FINDERS
..STADIMETERS
..TELLUROMETERS
.DYNAMOMETERS
.ELASTOMETERS
.ELECTROMETERS
.ELECTRON PROBES
.ENGINE MONITORING INSTRUMENTS
.ERGOMETERS
.EUDIOMETERS
.EXTENSOMETERS
.FIELD INTENSITY METERS
.FLAME PROBES
.FLIGHT LOAD RECORDERS
.FLIGHT RECORDERS
.FLOWMETERS
..GAS METERS
..HOT-WIRE FLOWMETERS
..RHEOMETERS
.FORCE VECTOR RECORDERS
.FUEL GAGES
..CAPACITIVE FUEL GAGES
.GALVANOMETERS
.GERDIEN CONDENSERS
.GONIOMETERS
..PHOTOGONIOMETERS
..RADIOGONIOMETERS
.GRAVIMETERS
.GRAVITY GRADIOMETERS
.HELIOMETERS
..PYROHELIOMETERS
.HYDROMETERS
.HYPSOMETERS
.IMPEDANCE PROBES
..RADIO FREQUENCY IMPEDANCE PROBES
.INDICATING INSTRUMENTS
..APPROACH INDICATORS
..ASTROLABES
..ATTITUDE INDICATORS
...GYRO HORIZONS
..CLOUD HEIGHT INDICATORS
..COMPASSES
...GYROCOMPASSES
...MAGNETIC COMPASSES
...SOLAR COMPASSES
..FLOW DIRECTION INDICATORS
...WIND VANES
..POSITION INDICATORS
...PLAN POSITION INDICATORS
...RADIO DIRECTION FINDERS
...SPACECRAFT POSITION INDICATORS
..SMOKE DETECTORS
..SPEED INDICATORS
...TACHOMETERS
..WEIGHT INDICATORS
...MICROBALANCES
...STRAIN GAGE BALANCES
...THERMOBALANCES
.INTERFEROMETERS
..ETALONS
..FABRY-PEROT INTERFEROMETERS
..INFRARED INTERFEROMETERS
..MACH-ZEHNDER INTERFEROMETERS
..MICHELSON INTERFEROMETERS
..MICROWAVE INTERFEROMETERS
..PHASE SWITCHING INTERFEROMETERS
..RADIO INTERFEROMETERS
.ION PROBES
.ION TRAPS (INSTRUMENTATION)
.LASER DOPPLER VELOCIMETERS
.MAGNETIC PROBES
.MAGNETOMETERS
..VARIOMETERS
.MECHANOGRAMS
.METEOROLOGICAL INSTRUMENTS
..BAROMETERS
..CLOUD HEIGHT INDICATORS
..DROPSONDES
..RADIOMETEOROGRAPHS
..RADIOSONDES
...ENDORADIOSONDES
...IONOSONDES
...RAWINSONDES
..RAIN GAGES
..WEATHER DATA RECORDERS
..WIND VANES
.MICROMETERS
.MICROWAVE PROBES
..MICROWAVE PLASMA PROBES
.MICROWAVE SENSORS
.MOISTURE METERS
..HYGROMETERS
...PSYCHROMETERS
.MONOCHROMATORS
.NOISE METERS
.OHMMETERS
.OMEGA NAVIGATION SYSTEM
.OPTICAL MEASURING INSTRUMENTS
..CATHETOMETERS
..DIFFRACTOMETERS
..EBERT SPECTROMETERS
..ELLIPSOMETERS
..ETALONS
..GEODIMETERS
..HAPLOSCOPES
..INFRARED SPECTROMETERS
...FILTER WHEEL INFRARED SPECTROMETERS

..LIGHT SCATTERING METERS
..MICRODENSITOMETERS
..NEPHELOMETERS
..OCULOMETERS
..OPTICAL PYROMETERS
..OPTICAL RANGE FINDERS
...LASER RANGE FINDERS
..PHOTOGONIOMETERS
..PHOTOMETERS
...ELECTROPHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
....TOTAL OZONE MAPPING SPECTROMETER
...ULTRAVIOLET SPECTROPHOTOMETERS
..POLARIMETERS
..REFLECTOMETERS
...MICROWAVE REFLECTOMETERS
..REFRACTOMETERS
..SEXTANTS
..SPECTROPHOTOMETERS
...INFRARED SPECTROPHOTOMETERS
...ULTRAVIOLET SPECTROPHOTOMETERS
..TRANSITS
...THEODOLITES
....CINETHEODOLITES
..TRANSMISSOMETERS
.OSCILLOGRAPHS
.OXYGEN ANALYZERS
.PENETROMETERS
.PLASMA PROBES
..ELECTROSTATIC PROBES
.POLARISCOPES
..SENARMONT POLARISCOPES
.POTENTIOMETERS (INSTRUMENTS)
.PRESSURE GAGES
..BAROMETERS
..MANOMETERS
..OSMOMETERS
..PIEZOELECTRIC GAGES
..PIEZOMETERS
..VACUUM GAGES
...IONIZATION GAGES
....ALPHATRONS
....BAYARD-ALPERT IONIZATION GAGES
....PENNING GAGES
....PHILIPS IONIZATION GAGES
...KNUDSEN GAGES
...MCLEOD GAGES
...PIRANI GAGES
.PROFILOMETERS
.PROTRACTORS
.RADIATION MEASURING INSTRUMENTS
..ACTINOMETERS
...INFRARED SPECTROMETERS
...PYRANOMETERS
...RADIOMETERS
....DICKE RADIOMETERS
....INFRARED DETECTORS
.....INFRARED RADIOMETERS
....INFRARED SCANNERS
....MICROWAVE RADIOMETERS
....PASSIVE L-BAND RADIOMETERS
....PRESSURE MODULATOR RADIOMETERS
....SPECTRORADIOMETERS
...SOLAR SPECTROMETERS
...SPECTROHELIOGRAPHS
...SPECTROPHOTOMETERS
....INFRARED SPECTROPHOTOMETERS
....ULTRAVIOLET SPECTROPHOTOMETERS
...ULTRAVIOLET DETECTORS
....ULTRAVIOLET SPECTROMETERS
.....TOTAL OZONE MAPPING SPECTROMETER
....ULTRAVIOLET SPECTROPHOTOMETERS
...X RAY DETECTORS
..BOLOMETERS
..EBERT SPECTROMETERS
..ELECTROSTATIC PROBES
..FABRY-PEROT SPECTROMETERS
..HODOSCOPES
..INFRARED INSTRUMENTS
...INFRARED DETECTORS
....FLIR DETECTORS
....INFRARED RADIOMETERS
...INFRARED SCANNERS
...INFRARED SPECTROMETERS
...INFRARED SPECTROPHOTOMETERS
..PHOTOMETERS
...ELECTROPHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
....TOTAL OZONE MAPPING SPECTROMETER
...ULTRAVIOLET SPECTROPHOTOMETERS
..RADIATION COUNTERS
...CERENKOV COUNTERS
...ELECTRON COUNTERS
...GEIGER COUNTERS
...NEUTRON COUNTERS
....NEUTRON SPECTROMETERS
...PARTICLE TELESCOPES
...PROPORTIONAL COUNTERS
...QUANTUM COUNTERS
...SCINTILLATION COUNTERS
...SPARK CHAMBERS
..RADIATION DETECTORS
...DOSIMETERS
....THRESHOLD DETECTORS (DOSIMETERS)
...GOLAY DETECTOR CELLS
...SILICON RADIATION DETECTORS
..RIOMETERS
.RATIOMETERS
.RESONANCE PROBES
.RESPIROMETERS
.SATELLITE-BORNE INSTRUMENTS
..ADVANCED VERY HIGH RESOLUTION RADIOMETER
..AMPS (SATELLITE PAYLOAD)
..TOTAL OZONE MAPPING SPECTROMETER
.SCATTEROMETERS
.SHOCK MEASURING INSTRUMENTS
.SONDES
..DROPSONDES
..JUDI-DART ROCKET
..RADIOSONDES
...ENDORADIOSONDES
...IONOSONDES
...RAWINSONDES
.SPECTROMETERS
..EBERT SPECTROMETERS
..FABRY-PEROT SPECTROMETERS
..GAMMA RAY SPECTROMETERS
..IMAGING SPECTROMETERS
..INFRARED SPECTROMETERS
...FILTER WHEEL INFRARED SPECTROMETERS
..LASER SPECTROMETERS
..MASS SPECTROMETERS
..MICROWAVE SPECTROMETERS
..NEUTRON SPECTROMETERS
..SOLAR BACKSCATTER UV SPECTROMETER
..SOLAR SPECTROMETERS
..SPECTROHELIOGRAPHS
..TIME OF FLIGHT SPECTROMETERS
..ULTRAVIOLET SPECTROMETERS
...HIGH DISPERSION SPECTROGRAPHS
...TOTAL OZONE MAPPING SPECTROMETER
.SPUTTERING GAGES
.STRAIN GAGES
.TEMPERATURE MEASURING INSTRUMENTS
..BATHYTHERMOGRAPHS
..OPTICAL PYROMETERS
..PNEUMATIC PROBES
..PYROMETERS
...RADIATION PYROMETERS
...THERMOCOUPLE PYROMETERS
..TEMPERATURE PROBES
..THERMOMETERS
...RESISTANCE THERMOMETERS
.TENSIOMETERS
.TENSOMETERS
.THERMAL CONDUCTIVITY GAGES
.TILTMETERS
.TIME MEASURING INSTRUMENTS
..CLOCKS

...ATOMIC CLOCKS
...AUTONOMOUS SPACECRAFT CLOCKS
...CHRONOMETERS
..TIMING DEVICES
.TITRIMETERS
.TORQUEMETERS
.TURBULENCE METERS
.VIBRATION METERS
..SEISMOGRAPHS
...LUNAR SEISMOGRAPHS
.VISCOMETERS
.VOLTMETERS
..MILLIVOLTMETERS
.WATTMETERS
RT AIRCRAFT INSTRUMENTS
AUTOMATIC CONTROL
AUTOMATIC TEST EQUIPMENT
BIOINSTRUMENTATION
CALIBRATING
CIRCUMSOLAR TELESCOPES
CONTROL MOMENT GYROSCOPES
CONTROLLERS
% DETECTORS
DRAG MEASUREMENT
DUOCHROMATORS
ELECTRIC BRIDGES
ELECTRICAL MEASUREMENT
FLIGHT INSTRUMENTS
FOREST FIRE DETECTION
FRAUNHOFER LINE DISCRIMINATORS
IMBLMS
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
% INSTRUMENTS
INTERNATIONAL SYSTEM OF UNITS
LABORATORY EQUIPMENT
LANDING INSTRUMENTS
LARGE APERTURE SEISMIC ARRAY
LOCAL SCIENTIFIC SURVEY MODULE
LUNAR RANGEFINDING
% MEASUREMENT
METROLOGY
MICROINSTRUMENTATION
MONITORS
NAVIGATION INSTRUMENTS
% PROBES
PROPELLANT ACTUATED INSTRUMENTS
RADIO PROBING
RADIO TELEMETRY
RAPID BALLISTICS IDENTIFICATION
RECORDING INSTRUMENTS
REMOTE SENSORS
ROCKET-BORNE INSTRUMENTS
RONCHI TEST
SATELLITE INSTRUMENTS
% SENSORS
SODAR
SOUND DETECTING AND RANGING
SPACECRAFT INSTRUMENTS
SYNCHROSCOPES
TELEMETRY
% TEST EQUIPMENT
TRANSDUCERS
ULTRASONIC SCANNERS
VENTURI TUBES
WHEATSTONE BRIDGES
WIND TUNNEL CALIBRATION

MECAMYLAMINE
1808
GS AMINES
#MECAMYLAMINE
TERPENES
#MECAMYLAMINE

MECHANICAL DEVICES
0802 1402 1406 1501 1502 1504 3501
RT CAMS
CLAMPS
CLIPS
CLUTCHES
% DEVICES
% EQUIPMENT
HOLDERS
JIGS
LEVERS
LINKAGES
MACHINE TOOLS
% MECHANISM
MECHANIZATION
TOOLS

MECHANICAL DRAWINGS
USE ENGINEERING DRAWINGS

MECHANICAL DRIVES
1504
UF ROTARY DRIVES
GS #MECHANICAL DRIVES
.MAGNETIC TAPE TRANSPORTS
.PROPELLER DRIVE
..HELICOPTER PROPELLER DRIVE
.TRANSMISSIONS (MACHINE ELEMENTS)
RT CLUTCHES
COUNTER-ROTATING WHEELS
COUPLING
COUPLINGS
% DRIVES
% GEAR
GEAR TEETH
GEARS
MAGNETOELECTRIC MEDIA
% POWER TRANSMISSION
SHAFTS (MACHINE ELEMENTS)
VEHICLE WHEELS
WIND TUNNEL DRIVES
WINDMILLS (WINDPOWERED MACHINES)

MECHANICAL ENGINEERING
2308 3203 3404
RT AERONAUTICAL ENGINEERING
AEROSPACE ENGINEERING
% ENGINEERING
FLUID FLOW
FLYWHEELS
FURNACES
HEAT TRANSFER
MACHINE TOOLS
% MACHINERY
MAINTENANCE
MATERIALS HANDLING
STRESS ANALYSIS
THERMODYNAMICS
VIBRATION TESTS

MECHANICAL FINGERS
USE END EFFECTORS

MECHANICAL HANDS
USE END EFFECTORS

MECHANICAL IMPEDANCE
2308 3203
GS IMPEDANCE
#MECHANICAL IMPEDANCE
RT ATTENUATION
DAMPING
FRICTION
IMPEDANCE MEASUREMENT

MECHANICAL MEASUREMENT
1406 3404 3408 3501
SN (MEASUREMENT OF MECHANICAL PROPERTIES, QUANTITIES OR CONDITIONS)
GS #MECHANICAL MEASUREMENT
.DISPLACEMENT MEASUREMENT
.DRAG MEASUREMENT
.FLOW MEASUREMENT
..PARTICLE IMAGE VELOCIMETRY
.FRICTION MEASUREMENT
.PRESSURE MEASUREMENT
.STRESS MEASUREMENT
..X RAY STRESS MEASUREMENT
.THRUST MEASUREMENT

.VELOCITY MEASUREMENT
..PARTICLE IMAGE VELOCIMETRY
..WIND VELOCITY MEASUREMENT
.VIBRATION MEASUREMENT
.WIND MEASUREMENT
..WIND VELOCITY MEASUREMENT
RT ACCELEROMETERS
ACOUSTIC MEASUREMENT
DEFORMETERS
DENSITY MEASUREMENT
DEPTH MEASUREMENT
DYNAMOMETERS
EXTENSOMETERS
FLOWMETERS
% MEASUREMENT
STRAIN GAGES
TENSIOMETERS
TORQUEMETERS
WEIGHT INDICATORS

MECHANICAL OSCILLATORS
1504 2308 3203
GS OSCILLATORS
#MECHANICAL OSCILLATORS
..PENDULUMS
...GYROSCOPIC PENDULUMS
RT ELECTRIC CHOPPERS
HARMONIC OSCILLATORS
RECIPROCATION
RESONANT VIBRATION
VIBRATION

MECHANICAL PROPERTIES
1704 2308 3408
UF MATERIAL STRENGTH
METEORITE COMPRESSION TESTS
STRENGTH OF MATERIALS
GS #MECHANICAL PROPERTIES
.BRITTLENESS
.BULK MODULUS
.COLD STRENGTH
.COMPRESSIBILITY
.COMPRESSIVE STRENGTH
.CREEP PROPERTIES
..SHEAR CREEP
..STEADY STATE CREEP
..TENSILE CREEP
.CREEP RUPTURE STRENGTH
.CREEP STRENGTH
.DIMENSIONAL STABILITY
..STRUCTURAL STABILITY
...SHELL STABILITY
.DUCTILITY
.EARTHQUAKE RESISTANCE
.ELASTIC PROPERTIES
..AEROELASTICITY
...AEROSERVOELASTICITY
...AEROTHERMOELASTICITY
..ANELASTICITY
..ELASTOPLASTICITY
..HYDROELASTICITY
..HYPOELASTICITY
..MAGNETOSTRICTION
..MODULUS OF ELASTICITY
...DYNAMIC MODULUS OF ELASTICITY
..PHOTOELASTICITY
...PHOTOVISCOELASTICITY
..PROPORTIONAL LIMIT
..THERMOELASTICITY
...AEROTHERMOELASTICITY
..VISCOELASTICITY
...PHOTOVISCOELASTICITY
...THERMOVISCOELASTICITY
.ELECTROSTRICTION
.FATIGUE LIFE
.FIBER STRENGTH
.FLEXIBILITY
.FRACTURE STRENGTH
.HARDNESS
..KNOOP HARDNESS
..MICROHARDNESS
..ROCKWELL HARDNESS
.HIGH STRENGTH
.IMPACT STRENGTH
.MALLEABILITY
.MODULAR RATIOS
.NOTCH STRENGTH
.PIEZOELECTRICITY
.PLASTIC PROPERTIES
..ELASTOPLASTICITY
..PHOTOPLASTICITY
..SUPERPLASTICITY
..THERMOPLASTICITY
..VISCOPLASTICITY
..YIELD POINT
.POISSON RATIO
.RESILIENCE
.SET
.SHEAR PROPERTIES
..SHEAR STRENGTH
.STIFFNESS
.STRESS CYCLES
.STRESS RATIO
.STRESS RELAXATION
.TENSILE PROPERTIES
..TENSILE STRENGTH
.THERMAL RESISTANCE
.TOUGHNESS
..NOTCH SENSITIVITY
.WEAR RESISTANCE
..ABRASION RESISTANCE
.WELD STRENGTH
.YIELD STRENGTH
..LOAD CARRYING CAPACITY
..MICROYIELD STRENGTH
RT ACOUSTIC PROPERTIES
AGING (MATERIALS)
ANISOTROPY
BUOYANCY
CAST ALLOYS
COEFFICIENTS
COMPRESSING
COMPRESSION LOADS
DEFORMATION
DURABILITY
ELONGATION
FATIGUE (MATERIALS)
FERRITIC STAINLESS STEELS
FIBER ORIENTATION
FLATNESS
% HIGH RESISTANCE
HYSTERESIS
IMPEDANCE
INTERFACIAL TENSION
INTERFERENCE FIT
INTERNAL FRICTION
ISOTROPY
J INTEGRAL
% LOW RESISTANCE
% MATERIALS
% MATERIALS TESTS
% METALLURGY
MICROMECHANICS
MICROPOROSITY
PEELING
PERMEABILITY
% PHYSICAL PROPERTIES
PROPELLANT PROPERTIES
% PROPERTIES
RADIATION EFFECTS
RELIABILITY
% RIGIDITY
ROUGHNESS
RUGGEDNESS
SHEAR STRAIN
SHEAR STRESS
SHOCK RESISTANCE
SOLID MECHANICS
SPECIFICATIONS
SPECIMEN GEOMETRY
STRAIN RATE
% STRENGTH
STRESS CONCENTRATION
STRESSES
STRUCTURAL FAILURE

```
      SUPERCOOLING
      SURFACE DEFECTS
      SURFACE PROPERTIES
      SURFACE ROUGHNESS
      TEARING
      TEMPERATURE INVERSIONS
      TEXTURES
      TOLERANCES (MECHANICS)
      TRIAXIAL STRESSES
      TRIBOLUMINESCENCE
      WEATHERING

MECHANICAL RESONANCE
  USE  RESONANT VIBRATION

MECHANICAL SHOCK
  1704 3203
  UF   JARRING
  GS  #MECHANICAL SHOCK
       .HYDRAULIC SHOCK
  RT   ACCELERATION (PHYSICS)
       HIGH ACCELERATION
       HYPERVELOCITY IMPACT
       IMPACT
       IMPACT ACCELERATION
     % SHOCK
       SHOCK ABSORBERS
       SHOCK RESISTANCE
       SHOCK SPECTRA
       SHOCK WAVES
       VIBRATION

MECHANICAL TWINNING
  1704 2308 2601 3203
  GS   TWINNING
       #MECHANICAL TWINNING
  RT   CRYSTAL DEFECTS
       CRYSTAL GROWTH
       CRYSTAL STRUCTURE
       WORK HARDENING

% MECHANICS (PHYSICS)
  2308
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CELESTIAL MECHANICS
       CLASSICAL MECHANICS
       CONTINUUM MECHANICS
     % DYNAMICS
       ELECTROMECHANICS
       FLIGHT MECHANICS
       FLUID DYNAMICS
       FLUID MECHANICS
       FRACTURE MECHANICS
       GAS DYNAMICS
     % HYDRAULICS
       HYDRODYNAMICS
       KINEMATICS
       KINETICS
       LOADS (FORCES)
     % MECHANISM
       MEGAMECHANICS
       MICROMECHANICS
       ORBITAL MECHANICS
     % PHYSICS
       QUANTUM MECHANICS
     % SCIENCE
       SOLID MECHANICS
       STATICS
       STATISTICAL MECHANICS
       VIRIAL THEOREM
       WIGNER COEFFICIENT

% MECHANISM
  1504 3404
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT % MACHINERY
       MECHANICAL DEVICES
     % MECHANICS (PHYSICS)
     % METHODOLOGY

MECHANIZATION
  0802 1504 3404
  RT % AUTOMATION
       DATA PROCESSING
       DEPERSONALIZATION
     % MACHINERY
       MAN MACHINE SYSTEMS
       MECHANICAL DEVICES
     % OPERATIONS
       SYSTEMS ENGINEERING
       TOOLING
       TOOLS

MECHANOGRAMS
  0501 1406 2308 3501
  GS   MEASURING INSTRUMENTS
       #MECHANOGRAMS
       MEDICAL EQUIPMENT
       #MECHANOGRAMS
       RECORDING INSTRUMENTS
       #MECHANOGRAMS
  RT   MUSCULAR FUNCTION

MECHANORECEPTORS
  0408
  GS   ANATOMY
       .SENSE ORGANS
       .#MECHANORECEPTORS
       RECEPTORS (PHYSIOLOGY)
       #MECHANORECEPTORS
  RT   SENSITOMETRY

MECLIZINE
  1808
  GS   HALOGEN COMPOUNDS
       .CHLORINE COMPOUNDS
       .#MECLIZINE
       ORGANIC COMPOUNDS
       .CYCLIC COMPOUNDS
       ..HETEROCYCLIC COMPOUNDS
       ...AZINES
       ...#MECLIZINE
       PYRAZINES
       .AZINES
       .#MECLIZINE

MEDIA
  2901 2902 2903 3005 3007
  SN   (EXCLUDES COMMUNICATION TECHNIQUES)
  GS  #MEDIA
       .ANISOTROPIC MEDIA
       ..ANISOTROPIC FLUIDS
       .ELASTIC MEDIA
       .INTERGALACTIC MEDIA
       .INTERPLANETARY MEDIUM
       ..INTERPLANETARY DUST
       ...METEOROID DUST CLOUDS
       ....ZODIACAL DUST
       ..INTERPLANETARY GAS
  RT % CHANNELS

MEDIAN (STATISTICS)
  1902 1905
  RT   AVERAGE
       DISTRIBUTION MOMENTS
       ERRORS
       MEAN
       MODE (STATISTICS)
       NORMALITY
       NORMS
       QUALITY CONTROL
       STATISTICAL ANALYSIS
     % TESTS

MEDIASTINUM
  0404 0405
  RT   SEPTUM
       TISSUES (BIOLOGY)

MEDIATION
  3402 3403 3406
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  RT    LABOR
        MANAGEMENT PLANNING

MEDICAL ELECTRONICS
  0405 0501 1002
  RT    ECHOENCEPHALOGRAPHY
        ELECTROCARDIOGRAPHY
        ELECTROENCEPHALOGRAPHY
        ELECTROMYOGRAPHY
      % ELECTRONICS
        ELECTROPLETHYSMOGRAPHY
        ELECTRORETINOGRAPHY

MEDICAL EQUIPMENT
  0405 0501
  GS   #MEDICAL EQUIPMENT
        .ARTIFICIAL CARDIAC PACEMAKER
        .ARTIFICIAL HEART VALVES
        .BLOOD PUMPS
        .CARDIOTACHOMETERS
        .ENDOSCOPES
        .MECHANOGRAMS
        .PROSTHETIC DEVICES
        ..ARTIFICIAL EARS
        .RESPIRATORS
        .STETHOSCOPES
        .STRETCHERS
        .SURGICAL INSTRUMENTS
        .SYRINGES
        .TOURNIQUETS
        .X RAY APPARATUS
        ..LIXISCOPES
        ..X RAY TUBES
  RT    CARDIOGRAPHY
        DENTISTRY
        DIAGNOSIS
        ECHOENCEPHALOGRAPHY
        ELECTROENCEPHALOGRAPHY
        EMERGENCY LIFE SUSTAINING SYSTEMS
      % EQUIPMENT
        FIRST AID
        FLUOROSCOPY
        HOSPITALS
        IMBLMS
      % MEDICINE
        MICROTOMY
        MOBILE QUARANTINE FACILITY
        THERAPY

MEDICAL PERSONNEL
  0405 0502 3404
  GS    PERSONNEL
        #MEDICAL PERSONNEL
        ..FLIGHT NURSES
        ..PHYSICIANS
        ..SURGEONS
        ...FLIGHT SURGEONS
  RT  % MEDICINE

MEDICAL PHENOMENA
  0401 0405
  RT    DIVING (UNDERWATER)
        PHENOMENOLOGY

MEDICAL SCIENCE
  0401 0405
  GS   #MEDICAL SCIENCE
        .ANESTHESIOLOGY
        .CARDIOLOGY
        .CLINICAL MEDICINE
        .DENTISTRY
        .DERMATOLOGY
        .ENDOCRINOLOGY
        .EPIDEMIOLOGY
        .GERIATRICS
        .GYNECOLOGY
        .HISTOLOGY
        .IMMUNOLOGY
        .NEUROLOGY
        .NUCLEAR MEDICINE
        ..RADIOBIOLOGY
        .OPHTHALMOLOGY
        .ORTHOPEDICS
        .OTOLARYNGOLOGY
        .OTOLOGY
        .PATHOLOGY
        ..HUMAN PATHOLOGY
        .PSYCHIATRY
        ..NEUROPSYCHIATRY
        ..SOCIAL PSYCHIATRY
        .RADIOLOGY
        .RADIOPATHOLOGY
        .SYMPTOMOLOGY
        .UROLOGY
  RT    AEROSPACE MEDICINE
      % BIOLOGY
        DIAGNOSIS
        DISEASES
        FIRST AID
      % MEDICINE
        OPTOMETRY
        PHARMACOLOGY
        PNEUMOTHORAX
        PSYCHOPHARMACOLOGY
        RADIATION THERAPY
      % SCIENCE
        SPORTS MEDICINE
        TRANSFUSION

MEDICAL SERVICES
  0405 1101
  GS    SERVICES
        #MEDICAL SERVICES
  RT    AMBULANCES
        FIRST AID
        INTRAVENOUS PROCEDURES
        MOBILE QUARANTINE FACILITY
        PUBLIC HEALTH

% MEDICINE
  0401 0405
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    AEROSPACE MEDICINE
        CLINICAL MEDICINE
        MEDICAL EQUIPMENT
        MEDICAL PERSONNEL
        MEDICAL SCIENCE
        NEUROPSYCHIATRY
        PHARMACOLOGY
        PSYCHOPHARMACOLOGY
        RADIOBIOLOGY
        RADIOLOGY
        VETERINARY MEDICINE

MEDITERRANEAN SEA
  1305
  GS    SEAS
        #MEDITERRANEAN SEA
        ..ADRIATIC SEA
  RT    CYPRUS
        GIBRALTAR
        MALTA
        RHONE DELTA (FRANCE)
        SICILY

MEDIUM SCALE INTEGRATION
  0902 1001 1002
  GS    CIRCUITS
        .INTEGRATED CIRCUITS
        .#MEDIUM SCALE INTEGRATION
        MICROELECTRONICS
        #MEDIUM SCALE INTEGRATION
  RT    ELECTRONIC PACKAGING
        LARGE SCALE INTEGRATION
        MOLECULAR ELECTRONICS
        PRINTED CIRCUITS

MEETINGS
  USE   CONFERENCES

MEGALOPOLISES
  1303 1305 3402 3403 3401
  RT    CITIES
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        COMMUNITIES
        DEMOGRAPHY
        INDUSTRIAL AREAS
        REGIONAL PLANNING
        RESIDENTIAL AREAS
        RURAL AREAS
        SUBURBAN AREAS
        URBAN DEVELOPMENT
        URBAN TRANSPORTATION

MEGAMECHANICS
  0802
  RT    LARGE SPACE STRUCTURES
      % MECHANICS (PHYSICS)
        STRUCTURAL ANALYSIS
        STRUCTURAL ENGINEERING
        TRUSSES

MEISSNER EFFECT
  USE   DIAMAGNETISM
        SUPERCONDUCTIVITY

MELAMINE
  1808
  GS    AMINES
        #MELAMINE
  RT    RESINS

MELANIN
  0403 1808
  GS    BIOPOLYMERS
        .PROTEINS
        .#MELANIN
        ORGANIC COMPOUNDS
        .PROTEINS
        .#MELANIN
        PIGMENTS
        #MELANIN
  RT    DOPA
        SKIN (ANATOMY)

MELANOIDIN
  0403 1808
  GS    ACIDS
        .AMINO ACIDS
        .#MELANOIDIN
        ORGANIC COMPOUNDS
        .AMINO ACIDS
        .#MELANOIDIN

MELLIN TRANSFORMS
  1902
  GS    FUNCTIONS (MATHEMATICS)
        #MELLIN TRANSFORMS
  RT    INTEGRAL EQUATIONS
        KERNEL FUNCTIONS

MELT SPINNING
  0602
  GS    CRYSTALLIZATION
        #MELT SPINNING
        MELTS (CRYSTAL GROWTH)
        #MELT SPINNING
        SOLIDIFICATION
        #MELT SPINNING
  RT %  METALLURGY
        PHASE TRANSFORMATIONS

MELTING
  0603 1504 1704
  UF    REMELTING
        THAWING
  GS    PHASE TRANSFORMATIONS
        #MELTING
        ..ARC MELTING
        ..FUSION (MELTING)
        ..LEVITATION MELTING
        ..VACUUM MELTING
  RT    ABLATION
        AUFEIS (ICE)
        BURNTHROUGH (FAILURE)
        CASTING
        COAL LIQUEFACTION
        CONTAINERLESS MELTS
        COOLING
        DEFROSTING
        DEICING
        DROP TRANSFER
        EXTRACTION
        FREEZING
        FURNACES
        HEAT OF FUSION
        HEATING
        ICE PREVENTION
        IMPACT MELTS
        INDUCTION HEATING
        INJECTION MOLDING
        LIQUEFACTION
        LIQUID METALS
        LIQUID-SOLID INTERFACES
        MELTS (CRYSTAL GROWTH)
        METAL CUTTING
        METAL FOAMS
      % METALLURGY
        MOLDS
        PHASE CHANGE MATERIALS
        PSEUDOPOTENTIALS
      % SEPARATION
        SMELTING
        SOLAR FURNACES
        SPIKING
        ZONE MELTING

MELTING POINTS
  0603 2603 3304
  UF    FREEZING POINTS
  GS    THERMODYNAMIC PROPERTIES
        .THERMOPHYSICAL PROPERTIES
        .#MELTING POINTS
  RT    HIGH TEMPERATURE TESTS
        LIQUID PHASES
        LIQUIDUS
        LOW TEMPERATURE TESTS
        PHASE DIAGRAMS
        REACTION BONDING
        SOLID SOLUTIONS
        SOLID STATE
        SOLIDIFICATION
        SOLIDIFIED GASES
        SPECIFIC HEAT
        TEMPERATURE
        TRANSITION TEMPERATURE

MELTS (CRYSTAL GROWTH)
  0602
  GS   #MELTS (CRYSTAL GROWTH)
        .CONTAINERLESS MELTS
        .IMPACT MELTS
        .MELT SPINNING
  RT    ATOMIC STRUCTURE
        CRYSTAL GROWTH
        CRYSTALLIZATION
        FLOAT ZONES
        MARANGONI CONVECTION
        MELTING
        SEMICONDUCTORS (MATERIALS)

MEM (EXCURSION MODULE)
  USE   MARS EXCURSION MODULE

MEMBRANE ANALOGY
  USE   MEMBRANE STRUCTURES
        STRUCTURAL ANALYSIS

MEMBRANE STRUCTURES
  0101 0102 0406 3203
  UF    MEMBRANE ANALOGY
  GS    MEMBRANES
        #MEMBRANE STRUCTURES
        ..SKIN (STRUCTURAL MEMBER)
        STRUCTURAL MEMBERS
        #MEMBRANE STRUCTURES
        ..SKIN (STRUCTURAL MEMBER)
  RT    DIAPHRAGMS (MECHANICS)
        METAL SHELLS
```

```
      PERFORATED SHELLS
      SCOTCHLITE (TRADEMARK)
    % SHEETS
      SHELLS (STRUCTURAL FORMS)
    % STRUCTURES
      THIN WALLED SHELLS
      WEBS (SUPPORTS)

MEMBRANE THEORY
  USE  STRUCTURAL ANALYSIS

MEMBRANES
  0403 0406 1504
  UF   WEBS (MEMBRANES)
  GS  #MEMBRANES
       .CELL MEMBRANES (BIOLOGY)
       .CHOROID MEMBRANES
       .CONJUNCTIVA
       .EPICARDIUM
       .ION EXCHANGE MEMBRANE ELECTROLYTES
       .MEMBRANE STRUCTURES
       ..SKIN (STRUCTURAL MEMBER)
       .PERITONEUM
       .PLEURAE
  RT % DIAPHRAGMS
       DIAPHRAGMS (MECHANICS)
    % FILMS
      JET MEMBRANE PROCESS
    % LAYERS
      OSMOSIS
      REVERSE OSMOSIS
      SEPTUM
    % SHEETS
      SHELLS (STRUCTURAL FORMS)
      SKIN (ANATOMY)
    % WEBS
      WEBS (SHEETS)
      WEBS (SUPPORTS)

MEMORY
  0408 0410 0801 0802 1504 2102
  SN   (LIMITED TO SENTIENT
       ORGANISMS--EXCLUDES COMPUTER
       STORAGE DEVICES AND PLASTIC MEMORY)
  RT   EDUCATION
       LEARNING
       MNEMONICS
       RECOGNITION
       RETENTION (PSYCHOLOGY)

MEMORY (COMPUTERS)
  0801
  RT   ARCHITECTURE (COMPUTERS)
       COMPUTER DESIGN
       COMPUTER STORAGE DEVICES
       COMPUTERS
       HOLE BURNING
       MAGNETIC DISKS
       VIDEO DISKS

MENDELEVIUM
  0603 1703 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ..#MENDELEVIUM
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ....TRANSURANIUM ELEMENTS
       ....#MENDELEVIUM
       METALS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ..#MENDELEVIUM

MENINGITIS
  0405 0408
  GS   DISEASES
       .INFECTIOUS DISEASES
       .#MENINGITIS
  RT   ACQUIRED IMMUNODEFICIENCY SYNDROME
       BACTERIAL DISEASES
       VIRAL DISEASES

MENISCI
  1202
  GS   LIQUID SURFACES
       #MENISCI
  RT   CURVES (GEOMETRY)
       LIQUID-GAS MIXTURES
       LIQUID-SOLID INTERFACES
       LIQUID-VAPOR INTERFACES
     % SURFACES

MENSTRUATION
  0404 0405 0408
  RT   FEMALES
       OVARIES
       PHYSIOLOGY

MENTAL HEALTH
  0401 0405 0408 0410
  GS   HEALTH
       #MENTAL HEALTH
  RT   HUMAN PERFORMANCE
       INTELLIGENCE
       NEUROPSYCHIATRY
       PSYCHOTHERAPY
       RORSCHACH TESTS
       SCHIZOPHRENIA

MENTAL PERFORMANCE
  0408 0410 0502
  RT   COGNITIVE PSYCHOLOGY
       CONSCIOUSNESS
       HUMAN PERFORMANCE
       HYPERNEA
       INSPIRATION
       INTELLECT
       INTELLIGENCE
       INTELLIGENCE TESTS
       IRRATIONALITY
       LIES
       OPERATOR PERFORMANCE
     % PERFORMANCE
       PSYCHOMOTOR PERFORMANCE
       STRESS (PSYCHOLOGY)
       WORKLOADS (PSYCHOPHYSIOLOGY)

MENTAL STRESS
  USE  STRESS (PSYCHOLOGY)

MENTHOL
  0405 1808
  GS   ORGANIC COMPOUNDS
       .CYCLIC COMPOUNDS
       ..CYCLIC HYDROCARBONS
       ..#MENTHOL
       .HYDROCARBONS
       ..CYCLIC HYDROCARBONS
       ..#MENTHOL
       TERPENES
       #MENTHOL

MEPROBAMATE
  0403 0404 1808
  GS   ESTERS
       #MEPROBAMATE

MERCAPTAN
  USE  THIOLS

MERCAPTO COMPOUNDS
  USE  THIOLS

MERCATOR PROJECTION
  1303
  GS   GEOMETRY
       .EUCLIDEAN GEOMETRY
       ..ANALYTIC GEOMETRY
       ..#MERCATOR PROJECTION
       ..PROJECTIVE GEOMETRY
       ..#MERCATOR PROJECTION
  RT   MAPS
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MERCURE AIRCRAFT
  0201 3404
  GS   TRANSPORT AIRCRAFT
       .SHORT HAUL AIRCRAFT
       .#MERCURE AIRCRAFT
  RT % AIRCRAFT
       CARGO AIRCRAFT
       PASSENGER AIRCRAFT

MERCURY (METAL)
  0603 1703
  UF   LIQUID MERCURY
  GS   CHEMICAL ELEMENTS
       #MERCURY (METAL)
       ..MERCURY ISOTOPES
       ..MERCURY VAPOR
       LIQUIDS
       .LIQUID METALS
       .#MERCURY (METAL)
       ...MERCURY VAPOR
       METALS
       .LIQUID METALS
       .#MERCURY (METAL)
       ...MERCURY VAPOR
       .TRANSITION METALS
       .#MERCURY (METAL)

MERCURY (PLANET)
  3001 3008
  GS   CELESTIAL BODIES
       .PLANETS
       ..TERRESTRIAL PLANETS
       ..#MERCURY (PLANET)
  RT   MERCURY ATMOSPHERE
       MERCURY SURFACE
       PLANETARY CRATERS

MERCURY ALLOYS
  1701 1704
  GS   ALLOYS
       #MERCURY ALLOYS
       ..MERCURY AMALGAMS

MERCURY AMALGAMS
  1701 1704
  UF   AMALGAMS
  GS   ALLOYS
       .MERCURY ALLOYS
       .#MERCURY AMALGAMS

MERCURY ARCS
  2402 2502
  GS   ELECTRIC CURRENT
       .ELECTRIC DISCHARGES
       ..ELECTRIC ARCS
       ..#MERCURY ARCS
  RT   ARC LAMPS
       METALLIC PLASMAS
       RECTIFIERS

MERCURY ATMOSPHERE
  3001 3008
  GS   ENVIRONMENTS
       .EXTRATERRESTRIAL ENVIRONMENTS
       ..PLANETARY ENVIRONMENTS
       ...PLANETARY ATMOSPHERES
       ...#MERCURY ATMOSPHERE
  RT   MERCURY (PLANET)
       MERCURY SURFACE
       PLANETARY METEOROLOGY

MERCURY CADMIUM TELLURIDES
  0603
  UF   CADMIUM MERCURY TELLURIDES
  GS   MERCURY COMPOUNDS
       .MERCURY TELLURIDES
       .#MERCURY CADMIUM TELLURIDES
  RT   INFRARED DETECTORS
       PHOTOCONDUCTIVITY
       PHOTOCONDUCTORS
       PHOTODIODES

MERCURY COMPOUNDS
  0603 1804
  GS  #MERCURY COMPOUNDS
       .MERCURY OXIDES
       .MERCURY TELLURIDES
       ..MERCURY CADMIUM TELLURIDES
  RT % CHEMICAL COMPOUNDS
     % GROUP 2B COMPOUNDS
     % METAL COMPOUNDS

MERCURY FLIGHTS
  3104 3409
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       .#MERCURY FLIGHTS
       ...MERCURY MA-1 FLIGHT
       ...MERCURY MA-2 FLIGHT
       ...MERCURY MA-3 FLIGHT
       ...MERCURY MA-4 FLIGHT
       ...MERCURY MA-5 FLIGHT
       ...MERCURY MA-6 FLIGHT
       ...MERCURY MA-7 FLIGHT
       ...MERCURY MA-8 FLIGHT
       ...MERCURY MA-9 FLIGHT
       ...MERCURY MR-1 FLIGHT
       ...MERCURY MR-2 FLIGHT
       ...MERCURY MR-3 FLIGHT
       ...MERCURY MR-4 FLIGHT
  RT   ATLAS LAUNCH VEHICLES
       MANNED SPACECRAFT
       SPACE CAPSULES

MERCURY ION ENGINES
  0301
  GS   ENGINES
       .ROCKET ENGINES
       ..ELECTRIC ROCKET ENGINES
       ...ION ENGINES
       ...#MERCURY ION ENGINES
  RT   ELECTROSTATIC ENGINES
       NUCLEAR PROPULSION
       NUCLEAR ROCKET ENGINES
       PLASMA ENGINES

MERCURY ISOTOPES
  0603 1703 2406
  GS   CHEMICAL ELEMENTS
       .MERCURY (METAL)
       .#MERCURY ISOTOPES
       .NUCLIDES
       ..ISOTOPES
       ..#MERCURY ISOTOPES

MERCURY LAMPS
  0603 1411
  GS   LIGHTING EQUIPMENT
       .LUMINAIRES
       .#MERCURY LAMPS
  RT   LIGHT SOURCES
       PHOSPHORS
       STERILIZATION
       XENON LAMPS

MERCURY MA-1 FLIGHT
  3104 3409
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MA-1 FLIGHT
  RT   ATLAS LAUNCH VEHICLES

MERCURY MA-2 FLIGHT
  3104 3409
  UF   MA-2 MISSION
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MA-2 FLIGHT
  RT   ATLAS LAUNCH VEHICLES
       FAITH 7

MERCURY MA-3 FLIGHT
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  3104 3409
  UF   MA-3 FLIGHT
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MA-3 FLIGHT
  RT   ATLAS LAUNCH VEHICLES

MERCURY MA-4 FLIGHT
  3104 3409
  UF   MA-4 FLIGHT
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MA-4 FLIGHT
  RT   ATLAS LAUNCH VEHICLES

MERCURY MA-5 FLIGHT
  3104 3409
  UF   MA-5 FLIGHT
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MA-5 FLIGHT
  RT   ATLAS LAUNCH VEHICLES

MERCURY MA-6 FLIGHT
  3104 3409
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MA-6 FLIGHT
  RT   ATLAS LAUNCH VEHICLES
       FRIENDSHIP 7

MERCURY MA-7 FLIGHT
  3104 3409
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MA-7 FLIGHT
  RT   ATLAS LAUNCH VEHICLES
       AURORA 7

MERCURY MA-8 FLIGHT
  3104 3409
  UF   MA-8 FLIGHT
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MA-8 FLIGHT
  RT   ATLAS LAUNCH VEHICLES
       SIGMA 7

MERCURY MA-9 FLIGHT
  3104 3409
  UF   MA-9 FLIGHT
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MA-9 FLIGHT
  RT   ATLAS LAUNCH VEHICLES
       FAITH 7

MERCURY MR-1 FLIGHT
  3004 3104
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MR-1 FLIGHT

MERCURY MR-2 FLIGHT
  3104
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MR-2 FLIGHT

MERCURY MR-3 FLIGHT
  3104
  UF   MR-3 FLIGHT
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MR-3 FLIGHT

MERCURY MR-4 FLIGHT
  3104
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..MERCURY FLIGHTS
       ..#MERCURY MR-4 FLIGHT

MERCURY OXIDES
  0603 1804
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ..#MERCURY OXIDES
       MERCURY COMPOUNDS
       #MERCURY OXIDES

MERCURY PROJECT
  3104 3409
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#MERCURY PROJECT
       .PROJECTS
       .#MERCURY PROJECT
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#MERCURY PROJECT
  RT   APOLLO PROJECT
       ATLAS LAUNCH VEHICLES
       GEMINI PROJECT
       LITTLE JOE 2 LAUNCH VEHICLE
       MANNED SPACE FLIGHT
       MANNED SPACECRAFT

MERCURY SPACECRAFT
  3104 3409
  GS   MANNED SPACECRAFT
       #MERCURY SPACECRAFT
       ..AURORA 7
       ..FAITH 7
       ..FRIENDSHIP 7
       ..SIGMA 7
       REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       .#MERCURY SPACECRAFT
       ...AURORA 7
       ...FAITH 7
       ...FRIENDSHIP 7
       ...SIGMA 7
       SOFT LANDING SPACECRAFT
       #MERCURY SPACECRAFT
       ..AURORA 7
       ..FAITH 7
       ..FRIENDSHIP 7
       ..SIGMA 7
       SPACE CAPSULES
       #MERCURY SPACECRAFT
       ..AURORA 7
       ..FAITH 7
       ..FRIENDSHIP 7
       ..SIGMA 7

MERCURY SURFACE
  3001 3007 3008
  GS   PLANETARY SURFACES
       #MERCURY SURFACE
  RT   EXTRATERRESTRIAL ENVIRONMENTS
       MERCURY (PLANET)
       MERCURY ATMOSPHERE
       PLANETARY CRATERS
       SATELLITE SURFACES
       SOLAR SYSTEM
       TERRESTRIAL PLANETS

MERCURY TELLURIDES
  0603 1804
  GS   CHALCOGENIDES
       .TELLURIDES
       .#MERCURY TELLURIDES
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        MERCURY COMPOUNDS
        #MERCURY TELLURIDES
        ..MERCURY CADMIUM TELLURIDES
        TELLURIUM COMPOUNDS
        .TELLURIDES
        .#MERCURY TELLURIDES

MERCURY VAPOR
  0603 1203 1703
  GS    CHEMICAL ELEMENTS
        .MERCURY (METAL)
        .#MERCURY VAPOR
        LIQUIDS
        .LIQUID METALS
        ..MERCURY (METAL)
        ..#MERCURY VAPOR
        METALS
        .LIQUID METALS
        ..MERCURY (METAL)
        ..#MERCURY VAPOR
        .METAL VAPORS
        .#MERCURY VAPOR
        VAPORS
        .METAL VAPORS
        .#MERCURY VAPOR
  RT    CESIUM VAPOR
        SODIUM VAPOR

MERGING ROUTINES
  0802 1504 3407
  GS    COMPUTER PROGRAMS
        #MERGING ROUTINES
  RT % ROUTINES

MERIDIONAL FLOW
  1202 1203 1204
  GS    FLUID FLOW
        .GAS FLOW
        ..AIR FLOW
        ...AIR CURRENTS
        ...#MERIDIONAL FLOW
  RT    ATMOSPHERIC CIRCULATION
        FLOW GEOMETRY
        WIND (METEOROLOGY)
        WIND DIRECTION
        ZONAL FLOW (METEOROLOGY)

MEROMORPHIC FUNCTIONS
  0402 0404 1902
  GS    ANALYSIS (MATHEMATICS)
        .COMPLEX VARIABLES
        .#MEROMORPHIC FUNCTIONS
        ...ELLIPTIC FUNCTIONS
        ...RATIONAL FUNCTIONS
        FUNCTIONS (MATHEMATICS)
        #MEROMORPHIC FUNCTIONS
        ..ELLIPTIC FUNCTIONS
        ..RATIONAL FUNCTIONS

MERRITT ISLAND (FL)
  1305 1306
  GS    LANDFORMS
        .ISLANDS
        .#MERRITT ISLAND (FL)
  RT    FLORIDA

MERWINITE
  1805 1806
  GS    CALCIUM COMPOUNDS
        #MERWINITE
        MAGNESIUM COMPOUNDS
        #MERWINITE
        MINERALS
        #MERWINITE
        SILICON COMPOUNDS
        .SILICATES
        .#MERWINITE

MESAS
  1305 1306
  GS    LANDFORMS
        .TERRACES (LANDFORMS)
        ..PLATEAUS
        ..#MESAS
        ....BUTTES
  RT    FLATS (LANDFORMS)
        HIGHLANDS
        MOUNTAINS

MESFETS
  USE   FIELD EFFECT TRANSISTORS

MESH
  0202 0508 1103 1704 1805 1811 3202
  RT    FABRICS
      % GRIDS
        STRANDS
        WEBBING
      % WEBS

MESH (MATHEMATICS)
  USE   COMPUTATIONAL GRIDS

MESH GENERATION (MATHEMATICS)
  USE   GRID GENERATION (MATHEMATICS)

MESITYLENE
  1808
  GS    ORGANIC COMPOUNDS
        .HYDROCARBONS
        .#MESITYLENE

MESOMETEOROLOGY
  1301
  GS    METEOROLOGY
        #MESOMETEOROLOGY
  RT    AERONOMY
        LOWER ATMOSPHERE
        MICROMETEOROLOGY

MESON RESONANCE
  2403 2901
  GS    PARTICLES
        .ELEMENTARY PARTICLES
        ..BOSONS
        ...MESONS
        ...#MESON RESONANCE
        .....X MESONS
        ..FERMIONS
        ..#MESON RESONANCE
        .NUCLEAR PARTICLES
        ..BOSONS
        ...MESONS
        ...#MESON RESONANCE
        .....X MESONS
        RESONANCE
        #MESON RESONANCE
        ..X MESONS
  RT    BARYONS
        HYPERONS

MESON-MESON INTERACTIONS
  2401 2403 2405
  GS    PARTICLE INTERACTIONS
        .ELEMENTARY PARTICLE INTERACTIONS
        .#MESON-MESON INTERACTIONS
  RT    ELECTROMAGNETIC INTERACTIONS
      % INTERACTIONS

MESON-NUCLEON INTERACTIONS
  2304 2403 2405
  GS    PARTICLE INTERACTIONS
        .ELEMENTARY PARTICLE INTERACTIONS
        .#MESON-NUCLEON INTERACTIONS
  RT    CHARGED PARTICLES
      % INTERACTIONS
        MESONS
        YUKAWA POTENTIAL

MESONS
  2401 2403 3009
  GS    PARTICLES
        .ELEMENTARY PARTICLES
        ..BOSONS
        ..#MESONS
```

....ETA-MESONS
....KAONS
....MESON RESONANCE
.....X MESONS
....MUONS
....PIONS
....VECTOR MESONS
.....RHO-MESONS
.....SIGMA-MESONS
..HADRONS
..#MESONS
....KAONS
....MUONS
....OMEGA-MESONS
....VECTOR MESONS
.....RHO-MESONS
.....SIGMA-MESONS
.NUCLEAR PARTICLES
..BOSONS
..#MESONS
....ETA-MESONS
....KAONS
....MESON RESONANCE
.....X MESONS
....MUONS
....PIONS
....VECTOR MESONS
.....RHO-MESONS
.....SIGMA-MESONS
RT BARYONS
BOSON FIELDS
CHARGED PARTICLES
CORPUSCULAR RADIATION
COSMIC RAYS
GLUONS
LEPTONS
MESON-NUCLEON INTERACTIONS
MUONIUM
POMERANCHUK THEOREM
STRANGENESS

MESOPAUSE
1302 3009
SN (ALTITUDE APPROXIMATELY 90 KM)
GS EARTH ATMOSPHERE
.MIDDLE ATMOSPHERE
..MESOSPHERE
..#MESOPAUSE
RT STRATOPAUSE

MESOPHILES
0404 0407
RT MICROORGANISMS
PSYCHROPHILES
THERMOPHILES

MESOSCALE PHENOMENA
1308 2003
GS #MESOSCALE PHENOMENA
.JET STREAMS (METEOROLOGY)
RT ARC CLOUDS
METEOROLOGY
PHENOMENOLOGY
WIND (METEOROLOGY)

MESOSPHERE
1302 2003 3009
SN (ALTITUDE RANGE BETWEEN
APPROXIMATELY 45 AND 90 KM)
GS EARTH ATMOSPHERE
.MIDDLE ATMOSPHERE
.#MESOSPHERE
...MESOPAUSE
RT CHEMOSPHERE
EARTH IONOSPHERE
HOMOSPHERE
SOLAR MESOSPHERE EXPLORER
STRATOPAUSE

MESOZOIC ERA
1306
GS #MESOZOIC ERA
.CRETACEOUS PERIOD
RT CRETACEOUS-TERTIARY BOUNDARY
GEOCHRONOLOGY
PALEONTOLOGY
PALEOZOIC ERA

MESSAGE PROCESSING
0802
RT AUTOMATIC REPEAT REQUEST
COMMUNICATING
COMMUNICATION
CRYPTOGRAPHY
INFORMATION FLOW
MESSAGES
PACKET TRANSMISSION
% PROCESSING
SEMANTICS
SIGNAL PROCESSING
SIGNAL TRANSMISSION
SYMBOLS

MESSAGES
0703 3405
GS COMMUNICATING
.INFORMATION DISSEMINATION
.#MESSAGES
RT AUTOMATIC REPEAT REQUEST
COMMUNICATION THEORY
INFORMATION THEORY
INTELLIGIBILITY
MESSAGE PROCESSING
SEMANTICS
SENTENCES
SIGNAL TRANSMISSION
% SIGNALS
SYLLABLES
SYMBOLS
VOCODERS
WORDS (LANGUAGE)

MESSERSCHMITT ME P-160 AIRCRAFT
USE P-160 AIRCRAFT

MESSERSCHMITT ME P-308 AIRCRAFT
USE P-308 AIRCRAFT

METABOLIC DISEASES
0403 0404 0408
GS DISEASES
#METABOLIC DISEASES
RT METABOLISM

METABOLIC WASTES
0403 0406 0505
GS WASTES
#METABOLIC WASTES
..HUMAN WASTES
...FECES
...URINE
RT ACTIVATED SLUDGE
AIR POLLUTION
CARBON DIOXIDE
COMPOSTING
ENVIRONMENT EFFECTS
ENVIRONMENT POLLUTION
ENVIRONMENTAL SURVEYS
EXPIRED AIR
LIQUID WASTES
MANURES
METABOLITES
ORGANIC WASTES (FUEL CONVERSION)
POLLUTION
SEWAGE
SEWERS
SOLID WASTES
WASTE DISPOSAL

METABOLISM
0403 0404 0408
GS #METABOLISM
.ADRENAL METABOLISM
.ASCORBIC ACID METABOLISM
.CALCIUM METABOLISM

.CARBOHYDRATE METABOLISM
..HYPERGLYCEMIA
..HYPOGLYCEMIA
.CATABOLISM
.ELECTROLYTE METABOLISM
.ENZYME ACTIVITY
..FERMENTATION
.HORMONE METABOLISMS
.HYDROGEN METABOLISM
.HYPOMETABOLISM
.MINERAL METABOLISM
.NITROGEN METABOLISM
.OXYGEN METABOLISM
.PHOSPHORUS METABOLISM
.PROTEIN METABOLISM
..LIPID METABOLISM
RT CALORIC REQUIREMENTS
ENZYMOLOGY
HETEROTROPHS
HOMEOSTASIS
KREBS CYCLE
METABOLIC DISEASES
METABOLITES
NUTRITION
OBESITY
OSTEOPOROSIS
OXYGEN CONSUMPTION
PHYSIOLOGY
RESPIRATION
SECRETIONS
THERMOREGULATION

METABOLITES
0403
RT BIOCHEMISTRY
BIOSYNTHESIS
METABOLIC WASTES
METABOLISM
ORGANIC COMPOUNDS

METAGALAXY
USE UNIVERSE

METAL AIR BATTERIES
0302
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..PRIMARY BATTERIES
..#METAL AIR BATTERIES
....ZINC-OXYGEN BATTERIES
ELECTROCHEMICAL CELLS
.ELECTRIC BATTERIES
..PRIMARY BATTERIES
..#METAL AIR BATTERIES
....ZINC-OXYGEN BATTERIES
RT DRY CELLS
STORAGE BATTERIES

METAL BONDING
1507 1704
GS BONDING
#METAL BONDING
..METAL-METAL BONDING
RT ADHESION
ADHESIVE BONDING
BIMETALS
BRAZING
DIFFUSION WELDING
EXPLOSIVE WELDING
HEAT AFFECTED ZONE
JOINTS (JUNCTIONS)
LAMINATES
RESIN BONDING
SOLDERING
WELDING

METAL CLUSTERS
0602 1703 1802
RT AGGLOMERATION
ATOMIC CLUSTERS
CHEMISORPTION
CLUMPS
% CLUSTERS
METALS
MOLECULAR CLUSTERS
NUCLEATION

METAL COATINGS
1704 3305
SN (COATINGS CONSISTING OF METAL)
GS COATINGS
#METAL COATINGS
..ALUMINUM COATINGS
..GOLD COATINGS
..NICKEL COATINGS
..ZINC COATINGS
RT ANODIC STRIPPING
ANTIRADAR COATINGS
CERAMIC COATINGS
CLADDING
CORROSION
CORROSION PREVENTION
DEPOSITION
ELECTROLESS DEPOSITION
HOT CORROSION
ION PLATING
LACQUERS
MAGNETRON SPUTTERING
METALLIZING
% METALLURGY
METALS
OXIDES
PAINTS
% PLATES
PLATING
PRIMERS (COATINGS)
PROTECTIVE COATINGS
SPRAYED COATINGS

METAL COMBUSTION
0602 1704 2809 3301
GS COMBUSTION
#METAL COMBUSTION
RT FUEL COMBUSTION
GAS-METAL INTERACTIONS
METALS
OXIDATION
PROPELLANT COMBUSTION
PYROPHORIC MATERIALS
SOLID PROPELLANT COMBUSTION
SOLID PROPELLANT IGNITION

% METAL COMPOUNDS
0603 1704 1804
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT % ALKALI METAL COMPOUNDS
ALUMINUM COMPOUNDS
AMMINES
ANTIMONY COMPOUNDS
BARIUM COMPOUNDS
BERYLLIUM COMPOUNDS
BISMUTH COMPOUNDS
CADMIUM COMPOUNDS
CALCIUM COMPOUNDS
CERIUM COMPOUNDS
CESIUM COMPOUNDS
% CHEMICAL COMPOUNDS
CHROMIUM COMPOUNDS
COBALT COMPOUNDS
COPPER COMPOUNDS
DYSPROSIUM COMPOUNDS
ERBIUM COMPOUNDS
EUROPIUM COMPOUNDS
GALLIUM COMPOUNDS
GERMANIUM COMPOUNDS
HAFNIUM COMPOUNDS
INDIUM COMPOUNDS
IRIDIUM COMPOUNDS
IRON COMPOUNDS
LANTHANUM COMPOUNDS
LEAD COMPOUNDS
LEAD ORGANIC COMPOUNDS
LITHIUM COMPOUNDS

LITHIUM IODATES
LUTETIUM COMPOUNDS
MAGNESIUM COMPOUNDS
MANGANESE COMPOUNDS
MERCURY COMPOUNDS
METAL FLUORIDES
METAL HALIDES
METAL HYDRIDES
METAL OXIDES
METALS
MOLYBDENUM COMPOUNDS
NEODYMIUM COMPOUNDS
NEPTUNIUM COMPOUNDS
NICKEL COMPOUNDS
NIOBIUM COMPOUNDS
ORGANIC ALUMINUM COMPOUNDS
ORGANIC GERMANIUM COMPOUNDS
ORGANIC LITHIUM COMPOUNDS
ORGANIC TIN COMPOUNDS
ORGANOMETALLIC COMPOUNDS
OSMIUM COMPOUNDS
PLATINUM COMPOUNDS
PLUTONIUM COMPOUNDS
POTASSIUM COMPOUNDS
PRASEODYMIUM COMPOUNDS
PROTACTINIUM COMPOUNDS
RARE EARTH COMPOUNDS
REFRACTORY MATERIALS
RHENIUM COMPOUNDS
RUBIDIUM COMPOUNDS
RUTHENIUM COMPOUNDS
SAMARIUM COMPOUNDS
SCANDIUM COMPOUNDS
SILVER COMPOUNDS
SODIUM COMPOUNDS
STRONTIUM COMPOUNDS
STRONTIUM OXIDES
TANTALUM COMPOUNDS
TECHNETIUM COMPOUNDS
THALLIUM COMPOUNDS
THORIUM COMPOUNDS
THULIUM COMPOUNDS
TIN COMPOUNDS
TITANIUM COMPOUNDS
TUNGSTEN COMPOUNDS
URANIUM COMPOUNDS
VANADIUM COMPOUNDS
VANADYL COMPOUNDS
YTTERBIUM COMPOUNDS
YTTRIUM COMPOUNDS
ZINC COMPOUNDS
ZIRCONIUM COMPOUNDS

METAL CORROSION
USE CORROSION

METAL CRYSTALS
1704 2601
GS CRYSTALS
#METAL CRYSTALS
RT CRYSTAL LATTICES
CRYSTAL STRUCTURE
METALLOGRAPHY
METALS

METAL CUTTING
1504 1704
GS CUTTING
#METAL CUTTING
RT COUNTERSINKING
GRINDING (MATERIAL REMOVAL)
KNURLING
LASER CUTTING
MACHINE TOOLS
MACHINING
MELTING
MICROMACHINING
MILLING (MACHINING)
PERFORATING
PLANING
PLASMA ARC CUTTING
SCARFING
SHEARING
SLICING
SPARK MACHINING
SPIKING

METAL DRAWING
1504 1704
GS FORMING TECHNIQUES
#METAL DRAWING
METAL WORKING
#METAL DRAWING
RT BULGING
BUNDLE DRAWING
COLD DRAWING
COLD WORKING
% DRAWING
DUCTILITY
HOT WORKING
MAGNETIC FORMING
STRETCH FORMING

METAL FATIGUE
1704 3203 3204
GS FATIGUE (MATERIALS)
#METAL FATIGUE
RT BENDING FATIGUE
COFFIN-MANSON LAW
CRACK CLOSURE
CRACK INITIATION
CRACK PROPAGATION
FRACTURING
GRAIN SIZE
INELASTIC STRESS
RETIREMENT FOR CAUSE
RUPTURING
S-N DIAGRAMS
SEGRE CHARACTERISTIC
SHORT CRACKS
STRESS CORROSION
STRESS CORROSION CRACKING
THERMAL FATIGUE
TRANSGRANULAR CORROSION

METAL FIBERS
1701 1704
GS FIBERS
#METAL FIBERS
RT BORSIC (TRADENAME)
FIBER COMPOSITES
FILAMENT WINDING
REINFORCING FIBERS

METAL FILMS
1704 1802
RT COATINGS
DIAMOND FILMS
% FILMS
METALLIZING
METALS
NICKEL COATINGS
PICKLING (METALLURGY)
SPUTTERING GAGES
THIN FILMS

METAL FINISHING
1504 1701 1704
GS #METAL FINISHING
.ELECTROPOLISHING
.PEENING
..SHOT PEENING
RT CLEANING
COATING
COATINGS
DESCALING
PICKLING (METALLURGY)
PLATING
SURFACE FINISHING

METAL FLUORIDES
0603
GS HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORIDES

```
      ..#METAL FLUORIDES
      ....ALUMINUM FLUORIDES
      ....BERYLLIUM FLUORIDES
      ....CADMIUM FLUORIDES
      ....CALCIUM FLUORIDES
      ....CESIUM FLUORIDES
      ....CHROMIUM FLUORIDES
      ....COBALT FLUORIDES
      ....COPPER FLUORIDES
      ....LANTHANUM FLUORIDES
      ....LITHIUM FLUORIDES
      ....MAGNESIUM FLUORIDES
      ....NICKEL FLUORIDES
      ....PLUTONIUM FLUORIDES
      ....PROTACTINIUM FLUORIDES
      ....SODIUM FLUORIDES
      ....STRONTIUM FLUORIDES
      ....THORIUM FLUORIDES
      ....TUNGSTEN FLUORIDES
      ....URANIUM FLUORIDES
      ....ZINC FLUORIDES
  RT % METAL COMPOUNDS

METAL FOAMS
  1203
  GS   FOAMS
       #METAL FOAMS
  RT   BUBBLES
       FOAMING
       LOW GRAVITY MANUFACTURING
     % MATERIALS SCIENCE
       MELTING
     % METALLURGY
       SPACE PROCESSING APPLICATIONS
       ROCKET

METAL FOILS
  1701 1704
  GS   FOILS (MATERIALS)
       #METAL FOILS
  RT   HONEYCOMB STRUCTURES
       METALS
       MULTILAYER INSULATION
     % SHEETS

METAL FORGING
  USE  FORGING

METAL FORMING
  USE  FORMING TECHNIQUES
       METAL WORKING

METAL FUELS
  1704 2702 2809
  GS   FUELS
       .CHEMICAL FUELS
       .#METAL FUELS
  RT   ALUMINUM COMPOUNDS
       BERYLLIUM COMPOUNDS
       BORON COMPOUNDS
       CESIUM COMPOUNDS
       GELLED PROPELLANTS
       HYBRID PROPELLANTS
       LITHIUM COMPOUNDS
       METALS
       SLURRY PROPELLANTS
       SOLID PROPELLANTS

METAL GRINDING
  1504 1704 3407
  GS   GRINDING (MATERIAL REMOVAL)
       #METAL GRINDING
  RT   FORMING TECHNIQUES
       GRINDING MACHINES
       SURFACE FINISHING

METAL HALIDES
  0603 1704 1804
  GS   HALOGEN COMPOUNDS
       .HALIDES
       .#METAL HALIDES
       ...ALKALI HALIDES
       ....CESIUM HALIDES
       .....CESIUM BROMIDES
       .....CESIUM FLUORIDES
       .....CESIUM IODIDES
       ....POTASSIUM IODIDES
       ....SODIUM BROMIDES
       ....SODIUM CHLORIDES
       ....SODIUM FLUORIDES
       ....SODIUM IODIDES
       ...ALUMINUM CHLORIDES
       ...BARIUM FLUORIDES
       ...BERYLLIUM CHLORIDES
       ...CADMIUM CHLORIDES
       ...CALCIUM CHLORIDES
       ...CHROMIUM BROMIDES
       ...COPPER CHLORIDES
       ...HAFNIUM IODIDES
       ...IRON CHLORIDES
       ...LANTHANUM CHLORIDES
       ...LEAD CHLORIDES
       ...LITHIUM CHLORIDES
       ...MAGNESIUM BROMIDES
       ...NIOBIUM IODIDES
       ...POTASSIUM BROMIDES
       ...POTASSIUM CHLORIDES
       ...SILVER HALIDES
       ....SILVER BROMIDES
       ....SILVER CHLORIDES
       ....SILVER IODIDES
       ...STRONTIUM BROMIDES
       ...TECHNETIUM FLUORIDES
       ...TITANIUM CHLORIDES
       ...TUNGSTEN HALIDES
       ....TUNGSTEN CHLORIDES
       ....TUNGSTEN FLUORIDES
       ...ZINC CHLORIDES
       ...ZIRCONIUM IODIDES
  RT % METAL COMPOUNDS

METAL HARDENING
  USE  HARDENING (MATERIALS)

METAL HYDRIDES
  0603 1704 1804
  UF   PLUMBANE
  GS   HYDROGEN COMPOUNDS
       .HYDRIDES
       .#METAL HYDRIDES
       ...ALUMINUM HYDRIDES
       ....ALUMINUM BOROHYDRIDES
       ...BERYLLIUM HYDRIDES
       ...CESIUM HYDRIDES
       ...LITHIUM HYDRIDES
       ....LITHIUM ALUMINUM HYDRIDES
       ...POTASSIUM HYDRIDES
       ...SODIUM HYDRIDES
  RT % METAL COMPOUNDS

METAL INSULATOR SEMICONDUCTORS
  USE  MIS (SEMICONDUCTORS)

METAL IONS
  0603 1804
  GS   IONS
       #METAL IONS
       ..FERRIC IONS
       ..MANGANESE IONS
  RT   BARIUM ION CLOUDS
       CATIONS
       CRYSTAL FIELD THEORY
       ION IMPLANTATION
       ION PLATING
       METALS
       POSITIVE IONS

METAL JOINTS
  1507 3203
  GS   JOINTS (JUNCTIONS)
       #METAL JOINTS
       ..SOLDERED JOINTS
       ..WELDED JOINTS
       ...SPOT WELDS
  RT   BUTT JOINTS
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      EXPLOSIVE WELDING
      LAP JOINTS
      RIVETED JOINTS
      SEAMS (JOINTS)

METAL MATRIX COMPOSITES
  1704 1801 1805 1809
  GS  COMPOSITE MATERIALS
      #METAL MATRIX COMPOSITES
      ..ALUMINUM BORON COMPOSITES
      ..ALUMINUM GRAPHITE COMPOSITES
      ..BORSIC (TRADENAME)
      ..EUTECTIC COMPOSITES
  RT  ARAMID FIBER COMPOSITES
      BORON FIBERS
      ELECTRODEPOSITION
      FIBER COMPOSITES
      FIBERS
      FUNCTIONALLY GRADIENT MATERIALS
      HYBRID COMPOSITES
    % MATERIALS
    % MATRICES
      MATRIX MATERIALS
      MONOTECTIC ALLOYS
      PARTICULATE REINFORCED COMPOSITES
      PLASMA SPRAYING
      POWDER METALLURGY
      REINFORCING FIBERS
      RESIN MATRIX COMPOSITES
      SQUEEZE CASTING
      WHISKER COMPOSITES

METAL NITRIDES
  0603
  GS  NITROGEN COMPOUNDS
      .NITRIDES
      .#METAL NITRIDES
      ...ALUMINUM NITRIDES
      ...BERYLLIUM NITRIDES
      ...GALLIUM NITRIDES
      ...TANTALUM NITRIDES
      ...TITANIUM NITRIDES
      ...ZIRCONIUM NITRIDES
  RT  TRANSITION METALS

METAL ORGANIC CHEMICAL VAPOR DEPOSITION
  USE METALORGANIC CHEMICAL VAPOR
      DEPOSITION

METAL OXIDE SEMICONDUCTORS
  0603 1704 1804 2602
  UF  MOS (SEMICONDUCTORS)
  GS  ELECTRONIC EQUIPMENT
      .SOLID STATE DEVICES
      ..SEMICONDUCTOR DEVICES
      ..#METAL OXIDE SEMICONDUCTORS
      ....CMOS
      ....ITO (SEMICONDUCTORS)
      ....SOS (SEMICONDUCTORS)
      SEMICONDUCTORS (MATERIALS)
      #METAL OXIDE SEMICONDUCTORS
      ..CMOS
      ..ITO (SEMICONDUCTORS)
      ..SOS (SEMICONDUCTORS)
  RT  CAPACITANCE-VOLTAGE CHARACTERISTICS
      ION IMPLANTATION
      RECTIFIERS
      SOI (SEMICONDUCTORS)

METAL OXIDES
  0603 1704 1804
  GS  CHALCOGENIDES
      .OXIDES
      .#METAL OXIDES
      ...ALKALINE EARTH OXIDES
      ....BARIUM OXIDES
      ....BERYLLIUM OXIDES
      ....CALCIUM OXIDES
      .....AKERMANITE
      ....MAGNESIUM OXIDES
      .....AKERMANITE
      .....PERICLASE
      ...ALUMINUM OXIDES
      ....SAPPHIRE
      ...BISMUTH OXIDES
      ...CERIUM OXIDES
      ...CESIUM OXIDES
      ...CHROMIUM OXIDES
      ...COBALT OXIDES
      ...COPPER OXIDES
      ...GALLIUM OXIDES
      ...HAFNIUM OXIDES
      ...IRON OXIDES
      ....HEMATITE
      ....ILMENITE
      ....MAGNETITE
      ...LANTHANUM OXIDES
      ...LEAD OXIDES
      ...LITHIUM OXIDES
      ...MANGANESE OXIDES
      ....HOPCALITE (TRADEMARK)
      ...MERCURY OXIDES
      ...MIXED OXIDES
      ....BSCCO SUPERCONDUCTORS
      ....YBCO SUPERCONDUCTORS
      ...MOLYBDENUM OXIDES
      ...NICKEL OXIDES
      ...NIOBIUM OXIDES
      ...PLATINUM OXIDES
      ...PLUTONIUM OXIDES
      ...POTASSIUM OXIDES
      ...SCANDIUM OXIDES
      ...SILVER OXIDES
      ...SODIUM PEROXIDES
      ...STRONTIUM OXIDES
      ...TANTALUM OXIDES
      ...THORIUM OXIDES
      ...TIN OXIDES
      ...TITANIUM OXIDES
      ....ANATASE
      ....ILMENITE
      ....RUTILE
      ...TUNGSTEN OXIDES
      ....SCHEELITE
      ...URANIUM OXIDES
      ...VANADIUM OXIDES
      ...YTTRIUM OXIDES
      ...ZINC OXIDES
      ...ZIRCONIUM OXIDES
      ....YTTRIA-STABILIZED ZIRCONIA
  RT  CATHODIC COATINGS
      HIGH TEMPERATURE SUPERCONDUCTORS
    % METAL COMPOUNDS
      OXIDE FILMS
      VANADATES

METAL PARTICLES
  0603 1704 1804
  GS  PARTICLES
      #METAL PARTICLES
      ..METAL POWDER
      ...PLATINUM BLACK
      ...POWDERED ALUMINUM
      ....SINTERED ALUMINUM POWDER
  RT  PARTICULATE REINFORCED COMPOSITES
      POWDER METALLURGY
      SCRAP
      SPUTTERING

METAL PLATES
  0102 0104 1507 1704 3203
  UF  PLATE (METAL)
  GS  STRUCTURAL MEMBERS
      .PLATES (STRUCTURAL MEMBERS)
      .#METAL PLATES
      ...BOILER PLATE
  RT  ARMOR
      BARS
      BILLETS
      FLANGES
      FLAT PLATES
      GIRDER WEBS
      PARALLEL PLATES
    % PLATES
      RECTANGULAR PLATES
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```
        SLABS
        THICK PLATES
        THIN PLATES

METAL POLISHING
  1504 1704 3404
  UF    POLISHED METALS
  GS    POLISHING
        #METAL POLISHING
        ..ELECTROPOLISHING
  RT    CLEANING
        SURFACE FINISHING

METAL POWDER
  1701 1704
  UF    POWDERED METALS
  GS    PARTICLES
        .METAL PARTICLES
        .#METAL POWDER
        ...PLATINUM BLACK
        ...POWDERED ALUMINUM
        ....SINTERED ALUMINUM POWDER
        .POWDER (PARTICLES)
        .#METAL POWDER
        ...PLATINUM BLACK
        ...POWDERED ALUMINUM
        ....SINTERED ALUMINUM POWDER
  RT    ATOMIZING
        BEARING ALLOYS
        COMMINUTION
        COMPRESSIBILITY
        COMPRESSING
        ELECTRODEPOSITION
        FLAKES
        LIQUID PHASE SINTERING
        METALS
        MIXING
        POROUS MATERIALS
        POWDER METALLURGY
        REDUCTION (CHEMISTRY)
        SINTERING
        SIZE SEPARATION

METAL PROPELLANTS
  1704 2702 2809
  GS    PROPELLANTS
        .ROCKET PROPELLANTS
        ..SOLID ROCKET PROPELLANTS
        ..#METAL PROPELLANTS
        .SOLID PROPELLANTS
        ..SOLID ROCKET PROPELLANTS
        ..#METAL PROPELLANTS
  RT    ALUMINUM COMPOUNDS
        BERYLLIUM COMPOUNDS
        BORON COMPOUNDS
        GELLED PROPELLANTS
        GELLED ROCKET PROPELLANTS
        HYBRID PROPELLANTS
        MONOPROPELLANTS
        SLURRY PROPELLANTS

METAL SHEETS
  1504 1704
  UF    SHEET METAL
  RT    PLATES (STRUCTURAL MEMBERS)
     % SHEETS

METAL SHELLS
  0102 0104 1704 3203
  GS    SHELLS (STRUCTURAL FORMS)
        #METAL SHELLS
  RT    CIRCULAR SHELLS
        CYLINDRICAL SHELLS
        HEMISPHERICAL SHELLS
        HULLS (STRUCTURES)
        MEMBRANE STRUCTURES
        ORTHOTROPIC SHELLS
        REINFORCED SHELLS
        SKIN (STRUCTURAL MEMBER)
        SPHERICAL SHELLS
        THIN WALLED SHELLS
        TOROIDAL SHELLS

METAL SPINNING
  1504 1704 3404 3407
  UF    SPIN FORGING
        SPINNING (METALLURGY)
  GS    FORMING TECHNIQUES
        #METAL SPINNING
        ..HYDROSPINNING
        METAL WORKING
        #METAL SPINNING
        ..HYDROSPINNING
        SPIN
        #METAL SPINNING
        ..HYDROSPINNING
  RT    COLD WORKING
        EXTRUDING
        HOT WORKING

METAL SPRAYING
  1504 1701 1704 3407
  GS    SPRAYING
        #METAL SPRAYING
  RT    ARC SPRAYING
        COATING
        COATINGS
        FLAME SPRAYING
        METALLIZING
        SURFACE FINISHING

METAL STRIPS
  1504 1507 1704 3404
  RT    BILLETS
        RIBBONS
        STRAKES
     % STRIP

METAL SURFACES
  1704 3203
  RT    CRACK INITIATION
        CRYSTAL SURFACES
        EROSION
        GAS-SOLID INTERFACES
        LIQUID-SOLID INTERFACES
        OXIDE FILMS
        SOLID SURFACES
        SURFACE FINISHING
        SURFACE PROPERTIES
        SURFACE REACTIONS
     % SURFACES

METAL VAPOR LASERS
  0709
  GS    STIMULATED EMISSION DEVICES
        .LASERS
        .#METAL VAPOR LASERS
  RT    LASER MATERIALS
        LASER MICROSCOPY
        OPTICAL PUMPING

METAL VAPORS
  0603 1203 1704
  GS    METALS
        #METAL VAPORS
        ..MERCURY VAPOR
        ..SODIUM VAPOR
        VAPORS
        #METAL VAPORS
        ..MERCURY VAPOR
        ..SODIUM VAPOR
  RT    ALKALI METALS
        ALKALI VAPOR LAMPS
        GAS-METAL INTERACTIONS
        HEAT TRANSFER
        LIQUID METALS
        VAPOR DEPOSITION

METAL WHISKER REINFORCEMENT
  USE   WHISKER COMPOSITES

METAL WORKING
  1504 1507 1704 3404 3407
  SN    (METAL DEFORMATION FOR CHANGING
        SHAPE AND FOR PROPERTIES--EXCLUDES
```

CASTING, CUTTING, DEPOSITION
PROCESS AND MACHINING)
UF METAL FORMING
GS #METAL WORKING
.AUSFORMING
.BULGING
.CLADDING
.COINING
.EXPLOSIVE FORMING
.FORGING
.HYDROFORMING
.MAGNETIC FORMING
.METAL DRAWING
.METAL SPINNING
..HYDROSPINNING
.SIZING (SHAPING)
RT BRAKES (FORMING OR BENDING)
% BREAKDOWN
CASTING
COLD PRESSING
COLD ROLLING
COLD WORKING
DECARBURIZATION
DEEP DRAWING
DIMPLING
ELECTROHYDRAULIC FORMING
ELECTROMAGNETIC HAMMERS
EXPLOSIVE WELDING
EXTRUDING
FLATTENING
FORMING TECHNIQUES
HARDENING (MATERIALS)
HOT ISOSTATIC PRESSING
HOT PRESSING
HOT WORKING
LASER APPLICATIONS
LEVELING
MACHINING
MALLEABILITY
% METALLURGY
MICROMACHINING
PEENING
PERFORATING
PIERCING
PLASMA ARC CUTTING
PRESSING (FORMING)
PYROMETALLURGY
% REDUCTION
ROLL FORMING
% ROLLING
SHEARING
SHOT PEENING
SQUEEZE CASTING
STAMPING
STRETCH FORMING
STRETCHING
SWAGING
TEMPERING
WINDING
WORK HARDENING

METAL-BARRIER-METAL JUNCTIONS
USE MBM JUNCTIONS

METAL-GAS SYSTEMS
0602 0603 1203 1704
RT GAS LUBRICANTS
GAS-METAL INTERACTIONS
GASES
METALS
% SYSTEMS
VAPOR PHASES

METAL-INSULATOR-METAL DIODES
USE MIM DIODES

METAL-INSULATOR-METAL SEMICONDUCTORS
USE MIM (SEMICONDUCTORS)

METAL-METAL BONDING
0602 1507 1701 1704
GS BONDING
.METAL BONDING
.#METAL-METAL BONDING
RT ADHESIVE BONDING
ADHESIVES
DIFFUSION WELDING
EXPLOSIVE WELDING
HEAT AFFECTED ZONE
INERTIA BONDING
RESIN BONDING
SOLDERING
WELDING

METAL-NITRIDE-OXIDE-SEMICONDUCTORS
2602
GS ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
.#METAL-NITRIDE-OXIDE-SEMICONDUCTOR
SEMICONDUCTORS (MATERIALS)
#METAL-NITRIDE-OXIDE-SEMICONDUCTORS
RT CHIPS (MEMORY DEVICES)

METAL-NITRIDE-OXIDE-SILICON
2602
UF MNOS
GS SEMICONDUCTORS (MATERIALS)
#METAL-NITRIDE-OXIDE-SILICON

METAL-OXIDE-METAL SEMICONDUCTORS
USE MOM (SEMICONDUCTORS)

METAL-SEMICONDUCTOR-METAL SEMICONDUCTORS
USE MSM (SEMICONDUCTORS)

METAL-WATER REACTIONS
0603 0604 1702
GS CHEMICAL REACTIONS
#METAL-WATER REACTIONS
RT CORROSION
ELECTROCHEMICAL CORROSION
EROSION
PITTING
RUSTING
SURFACE REACTIONS

METALLIC GLASSES
0603
GS GLASS
#METALLIC GLASSES
RT GLASS COATINGS
GLASS FIBERS
OPTICAL PROPERTIES
SILICON DIOXIDE
SPIN GLASS
VITREOUS MATERIALS

METALLIC HYDROGEN
0603 1807 2603
GS CHEMICAL ELEMENTS
.HYDROGEN
..HYDROGEN ISOTOPES
..#METALLIC HYDROGEN
GASES
.HYDROGEN
..HYDROGEN ISOTOPES
..#METALLIC HYDROGEN
RT CRITICAL TEMPERATURE
SOLID PHASES
SOLID STATE
SOLIDIFIED GASES
SOLIDS

METALLIC PLASMAS
1703 1704 2502
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
...PLASMAS (PHYSICS)
...#METALLIC PLASMAS
.....CESIUM PLASMA
RT ELECTRON PLASMA
MERCURY ARCS
PLASMA SHEATHS

```
METALLIC STARS
  3001 3002
  GS   CELESTIAL BODIES
       .STARS
       .#METALLIC STARS
  RT   ABUNDANCE
       CHEMICAL COMPOSITION
       METALLICITY
       STELLAR ATMOSPHERES
       STELLAR STRUCTURE

METALLICITY
  0601 3009
  RT   ABUNDANCE
       CHEMICAL ANALYSIS
       CHEMICAL COMPOSITION
       GALACTIC CLUSTERS
       GALAXIES
       GLOBULAR CLUSTERS
       HYDROGEN
       INTERSTELLAR MATTER
       MASS RATIOS
       METALLIC STARS
       METALS
       SPECTROSCOPIC ANALYSIS
       STAR CLUSTERS
       STARS

METALLIZING
  1704 3407
  GS   COATING
       #METALLIZING
       COATINGS
       #METALLIZING
  RT   CLADDING
       ELECTROPLATING
       FINISHES
       FLAME SPRAYING
       LAMINATES
       METAL COATINGS
       METAL FILMS
       METAL SPRAYING
       PLATING
       SPRAYING
       SUBSTRATES
       VAPOR DEPOSITION

METALLOGRAPHY
  1704
  RT   ABRASION
       ALLOYS
       ANISOTROPY
       CRYSTAL LATTICES
       CRYSTALLOGRAPHY
       ELECTROPOLISHING
       ETCHING
       FERROGRAPHY
       INCLUSIONS
       ISOTROPY
     % MATERIALS TESTS
       METAL CRYSTALS
     % METALLURGY
       METALS
       MICROPOROSITY
       MICROSCOPES
       MICROSTRUCTURE
       MUSHY ZONES
       ORDER-DISORDER TRANSFORMATIONS
       PHOTOMICROGRAPHY
       POLISHING
       RADIOGRAPHY
       REPLICAS
       SOLID SUSPENSIONS
       TIME TEMPERATURE PARAMETER
       VIBRATORY POLISHING
       WIDMANSTATTEN STRUCTURE
       X RAY DIFFRACTION

METALLOIDS
  0603 1703 1807
  UF   SEMIMETALS
  GS   CHEMICAL ELEMENTS
       #METALLOIDS
       ..ANTIMONY
       ..ANTIMONY ISOTOPES
       ..ARSENIC
       ...ARSENIC ISOTOPES
       ..BORON
       ...BORON ISOTOPES
       ....BORON 10
       ..GERMANIUM
       ...GERMANIUM ISOTOPES
       ..POLONIUM
       ...POLONIUM ISOTOPES
       ....POLONIUM 208
       ....POLONIUM 209
       ....POLONIUM 210
       ..SILICON
       ...AMORPHOUS SILICON
       ...SILICON ISOTOPES
       ..TELLURIUM
       ...TELLURIUM ISOTOPES
  RT   ALLOYS
       ARSENIC ALLOYS
       BORON ALLOYS
       INTERMETALLICS
       METALS
       ORGANOMETALLIC COMPOUNDS
       SEMICONDUCTORS (MATERIALS)

METALLORGANIC COMPOUNDS
  USE  ORGANOMETALLIC COMPOUNDS

METALLOSILOXANE POLYMER
  1808 1810
  RT   ORGANOMETALLIC COMPOUNDS
     % POLYMERS

METALLOXANE POLYMER
  1808 1810
  GS   ORGANOMETALLIC COMPOUNDS
       #METALLOXANE POLYMER
  RT % POLYMERS

% METALLURGY
  1704
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ALLOYING
       ALLOYS
       BENEFICIATION
       CASTING
       COATING
       COATINGS
       CORROSION
       CRYSTALLOGRAPHY
       DISPERSION STRENGTHENING
       DUPLEX OPERATION
       FERROUS METALS
       FOUNDRIES
       FRACTOGRAPHY
       FURNACES
       HARDENING (MATERIALS)
       HEAT AFFECTED ZONE
       HEAT TREATMENT
       HYDROMETALLURGY
       LEVITATION MELTING
       LIGHT ALLOYS
       MECHANICAL PROPERTIES
       MELT SPINNING
       MELTING
       METAL COATINGS
       METAL FOAMS
       METAL WORKING
       METALLOGRAPHY
       METALS
       NONFERROUS METALS
     % PHYSICAL SCIENCES
       POWDER METALLURGY
       PYROMETALLURGY
       RAPID QUENCHING (METALLURGY)
       RECRYSTALLIZATION
     % SCIENCE
```

SMELTING
THERMOMECHANICAL TREATMENT

METALORGANIC CHEMICAL VAPOR DEPOSITION
UF METAL ORGANIC CHEMICAL VAPOR DEPOSITION
MOCVD (VAPOR DEPOSITION)
OMCVD (VAPOR DEPOSITION)
ORGANOMETALLIC VAPOR DEPOSITION
GS DEPOSITION
.VAPOR DEPOSITION
.#METALORGANIC CHEMICAL VAPOR DEPOSITION
RT COATING
CRYSTAL GROWTH
ORGANOMETALLIC COMPOUNDS
SPACE PROCESSING

METALS
1701 1703 1704
UF MAGNETIC METALS
GS #METALS
.ACTINIDE SERIES
..ACTINIUM
..RADIUM
...RADIUM ISOTOPES
....RADIUM 226
..THORIUM
...THORIUM ISOTOPES
..TRANSURANIUM ELEMENTS
...AMERICIUM
....AMERICIUM ISOTOPES
.....AMERICIUM 241
...BERKELIUM
...CALIFORNIUM
....CALIFORNIUM ISOTOPES
...CURIUM
....CURIUM ISOTOPES
.....CURIUM 242
.....CURIUM 244
...EINSTEINIUM
...FERMIUM
...LAWRENCIUM
...MENDELEVIUM
...NEPTUNIUM
....NEPTUNIUM ISOTOPES
...NOBELIUM
...PLUTONIUM
....PLUTONIUM ISOTOPES
.....PLUTONIUM 238
.....PLUTONIUM 239
.....PLUTONIUM 240
.....PLUTONIUM 241
.....PLUTONIUM 244
...SERGENIUM
..URANIUM
...URANIUM ISOTOPES
....URANIUM 232
....URANIUM 233
....URANIUM 234
....URANIUM 235
....URANIUM 238
.ALKALI METALS
..CESIUM
...CESIUM ISOTOPES
....CESIUM 133
....CESIUM 134
....CESIUM 137
....CESIUM 144
..CESIUM VAPOR
..FRANCIUM
..LITHIUM
...LIQUID LITHIUM
...LITHIUM ISOTOPES
..POTASSIUM
...LIQUID POTASSIUM
...POTASSIUM ISOTOPES
....POTASSIUM 38
....POTASSIUM 39
....POTASSIUM 40
..RUBIDIUM
...RUBIDIUM ISOTOPES
....RUBIDIUM 86
..SODIUM
...LIQUID SODIUM
...SODIUM ISOTOPES
....SODIUM 22
....SODIUM 24
...SODIUM VAPOR
.ALKALINE EARTH METALS
..BARIUM ISOTOPES
.ALUMINUM
..ALUMINUM ISOTOPES
...ALUMINUM 26
...ALUMINUM 27
.ANTIMONY ISOTOPES
.ASTATINE
.ASTATINE ISOTOPES
.BARIUM
..BARIUM ISOTOPES
.BERYLLIUM
..BERYLLIUM ISOTOPES
...BERYLLIUM 7
...BERYLLIUM 9
...BERYLLIUM 10
.BISMUTH
..BISMUTH ISOTOPES
.CALCIUM
..CALCIUM ISOTOPES
.FERROUS METALS
.GALLIUM
..GALLIUM ISOTOPES
.INDIUM
.INDIUM ISOTOPES
.LEAD (METAL)
..LEAD ISOTOPES
.LIQUID METALS
..LIQUID LITHIUM
..LIQUID POTASSIUM
..LIQUID SODIUM
..MERCURY (METAL)
...MERCURY VAPOR
.MAGNESIUM
..MAGNESIUM ISOTOPES
.METAL VAPORS
..MERCURY VAPOR
..SODIUM VAPOR
.NOBLE METALS
..GOLD
...GOLD ISOTOPES
....GOLD 198
..RUTHENIUM
...RUTHENIUM ISOTOPES
..SILVER
...SILVER ISOTOPES
.NONFERROUS METALS
.PROTACTINIUM
..PROTACTINIUM ISOTOPES
.RARE EARTH ELEMENTS
..CERIUM
...CERIUM ISOTOPES
....CERIUM 137
....CERIUM 144
..DYSPROSIUM
...DYSPROSIUM ISOTOPES
..ERBIUM
...ERBIUM ISOTOPES
..EUROPIUM
...EUROPIUM ISOTOPES
..GADOLINIUM
...GADOLINIUM ISOTOPES
..HOLMIUM
...HOLMIUM ISOTOPES
..LANTHANUM
...LANTHANUM ISOTOPES
..LUTETIUM
...LUTETIUM ISOTOPES
..NEODYMIUM
..NEODYMIUM ISOTOPES
..PRASEODYMIUM
...PRASEODYMIUM ISOTOPES
..PROMETHIUM
...PROMETHIUM ISOTOPES
..SAMARIUM
...SAMARIUM ISOTOPES

..SCANDIUM
...SCANDIUM ISOTOPES
..TERBIUM
...TERBIUM ISOTOPES
..THULIUM
...THULIUM ISOTOPES
..YTTERBIUM
...YTTERBIUM ISOTOPES
..YTTRIUM
...YTTRIUM ISOTOPES
.REFRACTORY METALS
..CHROMIUM
...CHROMIUM ISOTOPES
..IRIDIUM
...IRIDIUM ISOTOPES
..MOLYBDENUM
..NIOBIUM
...NIOBIUM ISOTOPES
....NIOBIUM 95
..OSMIUM
...OSMIUM ISOTOPES
..RHENIUM
...RHENIUM ISOTOPES
..TANTALUM
...TANTALUM ISOTOPES
..TUNGSTEN
..TUNGSTEN ISOTOPES
.STRONTIUM
..STRONTIUM ISOTOPES
...STRONTIUM 85
...STRONTIUM 87
...STRONTIUM 89
...STRONTIUM 90
.THALLIUM
..THALLIUM ISOTOPES
.TIN
..TIN ISOTOPES
.TRANSITION METALS
..CADMIUM
...CADMIUM ISOTOPES
..CHROMIUM
...CHROMIUM ISOTOPES
..COBALT
...COBALT ISOTOPES
....COBALT 58
....COBALT 60
..COPPER
...COPPER ISOTOPES
..GOLD
...GOLD ISOTOPES
....GOLD 198
..HAFNIUM
...HAFNIUM ISOTOPES
..IRIDIUM
...IRIDIUM ISOTOPES
..IRON
...IRON ISOTOPES
....IRON 57
....IRON 58
....IRON 59
..MANGANESE
...MANGANESE ISOTOPES
..MERCURY (METAL)
..MOLYBDENUM
..NICKEL
...NICKEL ISOTOPES
..NIOBIUM
...NIOBIUM ISOTOPES
....NIOBIUM 95
..OSMIUM
...OSMIUM ISOTOPES
..PALLADIUM
..PLATINUM
...PLATINUM ISOTOPES
..RHENIUM
...RHENIUM ISOTOPES
..RHODIUM
...RHODIUM ISOTOPES
..RUTHENIUM
...RUTHENIUM ISOTOPES
..SCANDIUM
...SCANDIUM ISOTOPES
..SILVER
...SILVER ISOTOPES
..TANTALUM
...TANTALUM ISOTOPES
..TECHNETIUM
..TECHNETIUM ISOTOPES
..TITANIUM
...TITANIUM ISOTOPES
..TUNGSTEN
..TUNGSTEN ISOTOPES
..VANADIUM
...VANADIUM ISOTOPES
..YTTRIUM
...YTTRIUM ISOTOPES
..ZINC
...ZINC ISOTOPES
..ZIRCONIUM
...ZIRCONIUM ISOTOPES
....ZIRCONIUM 95
.ULTRAPURE METALS
.URANIUM PLASMAS
RT ALLOYS
ANTIMONY
ARSENIC
ARSENIC ISOTOPES
BIMETALS
BORSIC (TRADENAME)
CERMETS
CHEMICAL ELEMENTS
COMPOSITE MATERIALS
CONDUCTORS
EUTECTIC COMPOSITES
GADOLINIUM ALLOYS
INTERMETALLICS
ISOTOPES
LIGHT ALLOYS
LIQUID ALLOYS
METAL CLUSTERS
METAL COATINGS
METAL COMBUSTION
% METAL COMPOUNDS
METAL CRYSTALS
METAL FILMS
METAL FOILS
METAL FUELS
METAL IONS
METAL POWDER
METAL-GAS SYSTEMS
METALLICITY
METALLOGRAPHY
METALLOIDS
% METALLURGY
MONOTECTIC ALLOYS
PALLADIUM COMPOUNDS
POLONIUM
POLONIUM ISOTOPES
POLONIUM 208
POLONIUM 209
POLONIUM 210
STRATEGIC MATERIALS
SYNTECTIC ALLOYS

METAMORPHIC ROCKS
1306
GS ROCKS
#METAMORPHIC ROCKS
..QUARTZITE
RT METAMORPHISM (GEOLOGY)

METAMORPHISM (GEOLOGY)
1306 2601
RT CONTACTS (GEOLOGY)
METAMORPHIC ROCKS
PHASE TRANSFORMATIONS
ROCKS

METASTABILITY
USE METASTABLE STATE

METASTABLE ATOMS
0603 2601
GS ATOMS
#METASTABLE ATOMS

```
  RT   PENNING EFFECT

METASTABLE STATE
  0603 2405 2601
  UF   METASTABILITY
  RT   EXCITATION
       RADIATION TRAPPING
       STABILITY
       STEADY STATE
       UNSTEADY STATE

METATHESIS
  0602 0603
  GS   CHEMICAL REACTIONS
       #METATHESIS
  RT   ELECTROLYSIS
       ION EXCHANGING

METAZOA
  USE  ANIMALS

METEOR BURSTS
  USE  METEOROID SHOWERS

METEOR CRATERS
  USE  CRATERS

METEOR HAZARDS
  USE  METEOROID HAZARDS

METEOR TRAILS
  3001 3005 3009
  UF   METEORITIC IONIZATION
  RT   BOLIDES
       EARTH ATMOSPHERE
       METEOROID SHOWERS
       METEOROIDS
       MICROMETEOROIDS
     % PATHS
       PRIBRAM METEORITE
       RADIO METEORS
       SCATTER PROPAGATION
       SPORADIC METEOROIDS
     % TRACKS
       UPPER ATMOSPHERE

METEOR 1 ROCKET VEHICLE
  3106
  GS   ROCKET VEHICLES
       #METEOR 1 ROCKET VEHICLE
  RT   LIQUID PROPELLANT ROCKET ENGINES
       RAMJET ENGINES
       SOLID PROPELLANT ROCKET ENGINES

METEORITE COLLISIONS
  3005 3009
  GS   COLLISIONS
       #METEORITE COLLISIONS
  RT   HYPERVELOCITY IMPACT
       METEORITIC DAMAGE
       METEOROID HAZARDS
       SHATTER CONES
       TUNGUSK METEORITE

METEORITE COMPRESSION TESTS
  USE  COMPRESSION TESTS
       MECHANICAL PROPERTIES
       METEORITES

METEORITE CRATERS
  1306 3004 3005 3201
  UF   FOSSIL METEORITE CRATERS
       METEOROID CRATERS
  GS   CRATERS
       #METEORITE CRATERS
  RT   CANADIAN SHIELD
       CRATERING
       EJECTA
       LUNAR CRATERS
       LUNAR RAYS
       MARIA
       MARS CRATERS
       MARS SURFACE
       METEORITES
       METEORITIC DAMAGE
       PLANETARY CRATERS
       PROJECTILE CRATERING
       PTOLEMAEUS CRATER
       SHATTER CONES
       TUNGUSK METEORITE
       TYCHO CRATER

METEORITES
  3005 1306
  SN   (LIMITED TO METEOROIDS WHICH HAVE
       REACHED THE SURFACE OF AN
       ASTEROID, NATURAL SATELLITE OR
       PLANET)
  UF   METEORITE COMPRESSION TESTS
  GS   CELESTIAL BODIES
       #METEORITES
       ..IRON METEORITES
       ...AROOS METEORITE
       ...LAZAREV METEORITE
       ...ODESSA METEORITE
       ...SIKHOTE-ALIN METEORITE
       ..MICROMETEORITES
       ..STONY METEORITES
       ...ACHONDRITES
       ....BONDOC METEORITE
       ....CHASSIGNITES
       ....KAPOETA ACHONDRITE
       ....NAKHLITES
       ....NORTON COUNTY ACHONDRITE
       ....SHERGOTTITES
       ....UREILITES
       ...CARBONACEOUS METEORITES
       ....CARBONACEOUS CHONDRITES
       .....ALAIS METEORITE
       .....ALLENDE METEORITE
       .....COLD BOKKEVELD METEORITE
       .....IVUNA METEORITE
       .....MURCHISON METEORITE
       .....MURRAY METEORITE
       .....ORGUEIL METEORITE
       .....TONK METEORITE
       ....UREILITES
       ...CHONDRITES
       ....BRUDERHEIM METEORITE
       ....CARBONACEOUS CHONDRITES
       .....ALAIS METEORITE
       .....ALLENDE METEORITE
       .....COLD BOKKEVELD METEORITE
       .....IVUNA METEORITE
       .....MURCHISON METEORITE
       .....MURRAY METEORITE
       .....ORGUEIL METEORITE
       .....TONK METEORITE
       ....HARLETON METEORITE
       ....HVITTIS CHONDRITE
       ....OKHANSK METEORITE
       ....PANTAR CHONDRITES
       ....PRIBRAM METEORITE
       ...TEKTITES
       ....AUSTRALITES
       ....BEDIASITES
       ...TUNGUSK METEORITE
       ..STONY-IRON METEORITES
  RT   BOLIDES
       CHONDRULE
       COESITE
       FOREIGN BODIES
       IMPACT MELTS
       METEORITE CRATERS
       METEORITIC COMPOSITION
       METEORITIC MICROSTRUCTURES
       METEOROID SHOWERS
       METEOROIDS
       MICROMETEOROIDS
       MOLDAVITE

METEORITIC COMPOSITION
  0601 1306 1704 3005 3009
  GS   COMPOSITION (PROPERTY)
       #METEORITIC COMPOSITION
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```
  RT   CARBONACEOUS METEORITES
       COSMOCHEMISTRY
       IRON METEORITES
       KAMACITE
       METEORITES
       SCHREIBERSITE
       STONY METEORITES
       TEKTITES
       TROILITE

METEORITIC DAMAGE
  3005 3009 3110 3201
  GS   DAMAGE
       .IMPACT DAMAGE
       .#METEORITIC DAMAGE
  RT % BOMBARDMENT
       CRATERING
       EJECTA
       HYPERVELOCITY IMPACT
       MARS CRATERS
       METEORITE COLLISIONS
       METEORITE CRATERS
       METEOROID HAZARDS
       METEOROID PROTECTION
       PROJECTILE CRATERING

METEORITIC DIAMONDS
  1805 2601 3005
  GS   DIAMONDS
       #METEORITIC DIAMONDS
  RT   UREILITES

METEORITIC DUST
  USE  MICROMETEOROIDS

METEORITIC IONIZATION
  USE  ATMOSPHERIC IONIZATION
       METEOR TRAILS

METEORITIC MICROSTRUCTURES
  0601 2601 3005
  GS   MICROSTRUCTURE
       #METEORITIC MICROSTRUCTURES
  RT   CHONDRULE
       IRON METEORITES
       METEORITES
       STONY METEORITES
       TEKTITES
       WIDMANSTATTEN STRUCTURE

METEOROID CONCENTRATION
  3001 3005 3009
  GS   COMPOSITION (PROPERTY)
       .CONCENTRATION (COMPOSITION)
       .#METEOROID CONCENTRATION
       DENSITY (NUMBER/VOLUME)
       #METEOROID CONCENTRATION
  RT   FLUX DENSITY
       MASS DISTRIBUTION
       SPATIAL DISTRIBUTION
       SPORADIC METEOROIDS

METEOROID CRATERS
  USE  METEORITE CRATERS

METEOROID DUST CLOUDS
  2403 3005 3009
  GS   CELESTIAL BODIES
       .METEOROIDS
       ..MICROMETEOROIDS
       ..#METEOROID DUST CLOUDS
       ....ZODIACAL DUST
       MEDIA
       .INTERPLANETARY MEDIUM
       ..INTERPLANETARY DUST
       ..#METEOROID DUST CLOUDS
       ....ZODIACAL DUST
       PARTICLES
       .DUST
       ..COSMIC DUST
       ...INTERPLANETARY DUST
       ...#METEOROID DUST CLOUDS
       .....ZODIACAL DUST
  RT % CLOUDS
       EXPLORER SATELLITES
       TERRESTRIAL DUST BELT

METEOROID HAZARDS
  3005 3009 3110 3201
  UF   METEOR HAZARDS
  GS   HAZARDS
       .FLIGHT HAZARDS
       .#METEOROID HAZARDS
  RT   METEORITE COLLISIONS
       METEORITIC DAMAGE
       METEOROIDS
       OPERATIONAL HAZARDS
       PROJECTILE CRATERING
       SPACECRAFT BREAKUP

METEOROID PROTECTION
  0508 3005 3110 3201 3203
  GS   PROTECTION
       #METEOROID PROTECTION
  RT   BUMPERS
       IMPACT DAMAGE
       METEORITIC DAMAGE
       SPACECRAFT SHIELDING
       SPACECRAFT STRUCTURES

METEOROID SHOWERS
  3005 3009 3110
  UF   METEOR BURSTS
  GS   CELESTIAL BODIES
       #METEOROID SHOWERS
       ..AQUARID METEOROIDS
       ..ARIETID METEOROIDS
       ..CYRILLID METEOROIDS
       ..DRACONID METEOROIDS
       ..GEMINID METEOROIDS
       ..LEONID METEOROIDS
       ..ORIONID METEOROIDS
       ..PERSEID METEOROIDS
       ..QUADRANTID METEOROIDS
       ..TAURID METEOROIDS
  RT   ASTRONOMY
       BOLIDES
       COMETS
       METEOR TRAILS
       METEORITES
       METEOROIDS
     % SHOWERS

METEOROID TECHNOLOGY SATELLITE
  USE  EXPLORER 46 SATELLITE

METEOROIDS
  3001 3005 3009
  SN   (LIMITED TO SOLID OBJECTS IN
       SPACE, MUCH SMALLER THAN AN
       ASTEROID AND MUCH LARGER THAN A
       MOLECULE)
  UF   METEORS
  GS   CELESTIAL BODIES
       #METEOROIDS
       ..AQUARID METEOROIDS
       ..ARIETID METEOROIDS
       ..BOLIDES
       ...CYRILLID METEOROIDS
       ..DRACONID METEOROIDS
       ..GEMINID METEOROIDS
       ..LEONID METEOROIDS
       ..MICROMETEOROIDS
       ...METEOROID DUST CLOUDS
       ....ZODIACAL DUST
       ..ORIONID METEOROIDS
       ..PERSEID METEOROIDS
       ..QUADRANTID METEOROIDS
       ..RADIO METEORS
       ..SPORADIC METEOROIDS
       ..TAURID METEOROIDS
  RT   ASTEROID BELTS
       ASTEROIDS
       BUMPERS
       CHIRON
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      COMETS
      COSMIC DUST
      HYPERVELOCITY PROJECTILES
      INTERPLANETARY DUST
      INTERPLANETARY MEDIUM
      METEOR TRAILS
      METEORITES
      METEOROID HAZARDS
      METEOROID SHOWERS
      MICROMETEORITES
      NATURAL SATELLITES
      PARTICLE TRACKS
      RADIATION METEOROID SPACECRAFT
      SOLAR SYSTEM
      SPACE DEBRIS
      TEMPEL 2 COMET
      TORO ASTEROID
      VESTA ASTEROID

METEOROLOGICAL BALLOONS
  0205 2002 2003 3202
  GS  EXPANDABLE STRUCTURES
      .INFLATABLE STRUCTURES
      ..BALLOONS
      ..#METEOROLOGICAL BALLOONS
      ....JIMSPHERE BALLOONS
      ....ROBIN BALLOONS
  RT  DROPSONDES
      HIGH ALTITUDE BALLOONS
      RADIOSONDES
      RAWINSONDES
      ROCKOONS
      SKYHOOK BALLOONS
      SOUNDING
      SUPERPRESSURE BALLOONS
      TETHERED BALLOONS
      UPPER ATMOSPHERE
      WEATHER FORECASTING

METEOROLOGICAL CHARTS
  2003
  UF  WEATHER CHARTS
      WEATHER MAPS
  GS  CHARTS
      #METEOROLOGICAL CHARTS
      MAPS
      #METEOROLOGICAL CHARTS
  RT  ISOBARS (PRESSURE)
      RADAR MAPS
      SYNOPTIC METEOROLOGY

METEOROLOGICAL FLIGHT
  2003 2004
  RT  AERIAL RECONNAISSANCE
      BALLOON FLIGHT
    % FLIGHT
      ICE REPORTING
      ROCKET FLIGHT
      SIRS B SATELLITE
      SOUNDING
      SPACE FLIGHT
      WEATHER FORECASTING

METEOROLOGICAL INSTRUMENTS
  2002 2003 2004
  GS  MEASURING INSTRUMENTS
      #METEOROLOGICAL INSTRUMENTS
      ..BAROMETERS
      ..CLOUD HEIGHT INDICATORS
      ..DROPSONDES
      ..RADIOMETEOROGRAPHS
      ..RADIOSONDES
      ...ENDORADIOSONDES
      ...IONOSONDES
      ...RAWINSONDES
      ..RAIN GAGES
      ..WEATHER DATA RECORDERS
      ..WIND VANES
  RT  ANEMOMETERS
      BALLOON-BORNE INSTRUMENTS
      HOT-FILM ANEMOMETERS
      HOT-WIRE ANEMOMETERS
      HUMIDITY MEASUREMENT
      HYGROMETERS
      HYPSOMETERS
    % INSTRUMENTS
      LIGHT SCATTERING METERS
      METEOROLOGY
      NEPHANALYSIS
      PSYCHROMETERS
      RECORDING INSTRUMENTS
      ROCKET-BORNE INSTRUMENTS
      SIRS B SATELLITE
      SODAR
      SOUND DETECTING AND RANGING
      SOUNDING ROCKETS
      TRANSDUCERS
      WEATHER RECONNAISSANCE AIRCRAFT
      WEATHER STATIONS

METEOROLOGICAL PARAMETERS
  1902 2003 2308 2403
  GS  CONSTRAINTS
      #METEOROLOGICAL PARAMETERS
      ..BRUNT-VAISALA FREQUENCY
  RT  AEROLOGY
      AGROCLIMATOLOGY
      ANNUAL VARIATIONS
      ATMOSPHERIC & OCEANOGRAPHIC INFORM
      SYS
      ATMOSPHERIC CLOUD PHYSICS LAB
      (SPACELAB)
      ATMOSPHERIC TURBULENCE
      AVIATION METEOROLOGY
      CEILINGS (METEOROLOGY)
      CLOUD COVER
      COLD FRONTS
      EQUATORIAL ATMOSPHERE
      FRONTS (METEOROLOGY)
      HUMIDITY
      HYDROLOGY
      ISOTHERMS
      MOISTURE
      OCEAN DATA ACQUISITIONS SYSTEMS
      OCEANOGRAPHIC PARAMETERS
      PRECIPITATION (METEOROLOGY)
      STORMS (METEOROLOGY)
      TELECONNECTIONS (METEOROLOGY)
      TEMPERATURE INVERSIONS
      TROPICAL METEOROLOGY
      WARM FRONTS
      WEATHER
      WIND MEASUREMENT

METEOROLOGICAL PROBES
  USE SONDES

METEOROLOGICAL RADAR
  2002 2003
  UF  WEATHER RADAR
  GS  RADAR
      #METEOROLOGICAL RADAR
  RT  PRECIPITATION PARTICLE MEASUREMENT
      PULSE RADAR
      RADAR SCANNING
      RADAR TRACKING
      RADIO METEOROLOGY
      SURVEILLANCE RADAR
      WEATHER FORECASTING

METEOROLOGICAL RESEARCH AIRCRAFT
  0201
  RT % AIRCRAFT
       DATA ACQUISITION
       RESEARCH AIRCRAFT

METEOROLOGICAL ROCKETS
  USE SOUNDING ROCKETS

METEOROLOGICAL SATELLITES
  2003 2004 3107
  GS  ARTIFICIAL SATELLITES
      #METEOROLOGICAL SATELLITES
      ..AEROS SATELLITE
      ..COSMOS 144 SATELLITE
```

..D-2 SATELLITES
..DMSP SATELLITES
..ELEKTRON SATELLITES
...ELEKTRON 1 SATELLITE
...ELEKTRON 2 SATELLITE
...ELEKTRON 4 SATELLITE
..EOLE SATELLITES
..ESSA SATELLITES
...ESSA 1 SATELLITE
...ESSA 2 SATELLITE
...ESSA 3 SATELLITE
...ESSA 4 SATELLITE
...ESSA 5 SATELLITE
...ESSA 6 SATELLITE
...ESSA 7 SATELLITE
...ESSA 8 SATELLITE
...ESSA 9 SATELLITE
..EXPLORER 9 SATELLITE
..EXPLORER 17 SATELLITE
..EXPLORER 19 SATELLITE
..GEOLE SATELLITES
..GOES 6
..METEOSAT SATELLITE
..NIMBUS SATELLITES
...NIMBUS 1 SATELLITE
...NIMBUS 2 SATELLITE
...NIMBUS 3 SATELLITE
...NIMBUS 4 SATELLITE
...NIMBUS 5 SATELLITE
...NIMBUS 6 SATELLITE
...NIMBUS 7 SATELLITE
..NOAA SATELLITES
...NOAA 2 SATELLITE
...NOAA 3 SATELLITE
...NOAA 4 SATELLITE
...NOAA 5 SATELLITE
...NOAA 6 SATELLITE
...NOAA 7 SATELLITE
...NOAA 8 SATELLITE
...NOAA 9 SATELLITE
...NOAA 10 SATELLITE
..SAN MARCO SATELLITES
...SAN MARCO 1 SATELLITE
...SAN MARCO 2 SATELLITE
...SAN MARCO 3 SATELLITE
..SEOCS (SATELLITE)
..SIRS B SATELLITE
..SPUTNIK 1 SATELLITE
..SPUTNIK 2 SATELLITE
..SPUTNIK 3 SATELLITE
..SRET SATELLITES
...SRET 1 SATELLITE
...SRET 2 SATELLITE
..SYNCHRONOUS EARTH OBSERVATORY SATELLITE
...SMS 1
...SMS 2
..SYNCHRONOUS METEOROLOGICAL SATELLITE
...SMS 1
...SMS 2
..TIROS SATELLITES
...ITOS SATELLITES
....ITOS 1
....ITOS 2
....ITOS 3
....ITOS 4
...TIROS M
...TIROS N SERIES SATELLITES
...TIROS 1 SATELLITE
...TIROS 2 SATELLITE
...TIROS 3 SATELLITE
...TIROS 4 SATELLITE
...TIROS 5 SATELLITE
...TIROS 6 SATELLITE
...TIROS 7 SATELLITE
...TIROS 8 SATELLITE
...TIROS 9 SATELLITE
...TIROS 10 SATELLITE
..VANGUARD 2 SATELLITE
RT AGRISTARS PROJECT
ATS
CLOUD PHOTOGRAPHY
GEOPHYSICAL SATELLITES
GOES SATELLITES
GOES 1
GOES 2
GOES 3
GOES 4
GOES 5
INFRARED PHOTOGRAPHY
JAPANESE SPACE PROGRAM
METEOROLOGY
MILITARY SPACECRAFT
NAVIGATION SATELLITES
NIMBUS PROJECT
NOESS
SATELLITE OBSERVATION
SATELLITE SOUNDING
SATELLITE TELEVISION
SOUNDING ROCKETS
SPACE PROBES
TIROS PROJECT
UNMANNED SPACECRAFT
VANGUARD SATELLITES
WEATHER FORECASTING
WEATHER STATIONS

METEOROLOGICAL SERVICES
2001 2003
GS SERVICES
#METEOROLOGICAL SERVICES
RT AUTOMATIC WEATHER STATIONS
AVIATION METEOROLOGY
FLIGHT CONDITIONS
WEATHER FORECASTING
WEATHER STATIONS

METEOROLOGICAL SOLENOIDS
2002
RT BAROCLINITY
VORTICES

METEOROLOGICAL STATIONS
USE WEATHER STATIONS

METEOROLOGY
2003
UF ATMOSPHERIC CONDITIONS
GS #METEOROLOGY
.AEROLOGY
.AGROMETEOROLOGY
.ALPINE METEOROLOGY
.AVIATION METEOROLOGY
.BIOMETEOROLOGY
.HYDROMETEOROLOGY
..MARINE METEOROLOGY
.MESOMETEOROLOGY
.MICROMETEOROLOGY
..MICROBURSTS (METEOROLOGY)
.NUCLEAR METEOROLOGY
.PLANETARY METEOROLOGY
.POLAR METEOROLOGY
.RADIO METEOROLOGY
.SYNOPTIC METEOROLOGY
.TROPICAL METEOROLOGY
.WEATHER FORECASTING
..LONG RANGE WEATHER FORECASTING
..NOWCASTING
..NUMERICAL WEATHER FORECASTING
..STATISTICAL WEATHER FORECASTING
RT ACID RAIN
ACOUSTIC SOUNDING
AERONOMY
AGROCLIMATOLOGY
AIR LAND INTERACTIONS
AIR MASSES
ANNUAL VARIATIONS
ANTICYCLONES
ANVIL CLOUDS
ARC CLOUDS
% ATMOSPHERES
ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS
ATMOSPHERIC DENSITY

```
  ATMOSPHERIC PHYSICS
  ATMOSPHERIC TURBULENCE
  BAROCLINIC INSTABILITY
  BRIGHTNESS TEMPERATURE
  CAP CLOUDS
  CEILINGS (METEOROLOGY)
  CIRROCUMULUS CLOUDS
  CIRROSTRATUS CLOUDS
  CIRRUS SHIELDS
  CLIMATE
  CLIMATOLOGY
  CLOUD COVER
  CLOUDS (METEOROLOGY)
  COLD FRONTS
  CONDENSATION NUCLEI
  CONVECTION
  CONVECTION CLOUDS
  CORIOLIS EFFECT
  CYCLONES
  DMSP SATELLITES
  EARTH SCIENCES
  ENVIRONMENTAL ENGINEERING
  ENVIRONMENTAL MONITORING
  FRONTS (METEOROLOGY)
  GARP ATLANTIC TROPICAL EXPERIMENT
  GEOLOGY
  GEOPHYSICS
  GLOBAL ATMOSPHERIC RESEARCH PROGRAM
  HAILSTORMS
  HUMIDITY
  HURRICANES
  HYDROCLIMATOLOGY
  HYDRODYNAMIC EQUATIONS
  HYDROGRAPHY
  HYDROLOGY
  INSOLATION
  ISOTHERMS
  MESOSCALE PHENOMENA
  METEOROLOGICAL INSTRUMENTS
  METEOROLOGICAL SATELLITES
  METEOSAT SATELLITE
  METHOD OF CHARACTERISTICS
  MOISTURE
  NATIONAL SEVERE STORMS PROJECT
  NEPHANALYSIS
  NOESS
  OCEANOGRAPHY
% PHYSICAL SCIENCES
  PRECIPITATION (METEOROLOGY)
% SCIENCE
  SEA BREEZE
  SEASONS
  SODAR
  SOUND DETECTING AND RANGING
  STORMS (METEOROLOGY)
  TELECONNECTIONS (METEOROLOGY)
  TEMPERATURE
  TEMPERATURE INVERSIONS
  TROPICAL REGIONS
  TROPICAL STORMS
  TYPHOONS
  WARM FRONTS
  WEATHER
  WIND (METEOROLOGY)
  WIND MEASUREMENT
  WORLD METEOROLOGICAL ORGANIZATION
  ZONAL FLOW (METEOROLOGY)

METEORS
  USE  METEOROIDS

METEOSAT SATELLITE
  2003 2004
  GS   ARTIFICIAL SATELLITES
       .ESA SATELLITES
       .#METEOSAT SATELLITE
       .METEOROLOGICAL SATELLITES
       .#METEOSAT SATELLITE
       ESA SPACECRAFT
       .ESA SATELLITES
       .#METEOSAT SATELLITE
  RT   CLOUD COVER
       CLOUD PHOTOGRAPHY
       EUROPEAN SPACE AGENCY
       EUROPEAN SPACE PROGRAMS
       FRENCH SATELLITES
       FRENCH SPACE PROGRAM
       INFRARED PHOTOGRAPHY
       ISCCP PROJECT
       METEOROLOGY
       SATELLITE OBSERVATION
       WEATHER

METERS
  USE  MEASURING INSTRUMENTS

METHACRYLATE RESINS
  USE  ACRYLIC RESINS

METHAMPHETAMINE
  0403 0405 1808
  GS   AMINES
       .AMPHETAMINES
       .#METHAMPHETAMINE
       DRUGS
       #METHAMPHETAMINE

METHANATION
  0603
  GS   CHEMICAL REACTIONS
       #METHANATION
  RT   BIOMASS ENERGY PRODUCTION
       COAL GASIFICATION
       HYDROCARBON FUELS
       HYDROPYROLYSIS

METHANE
  0603 1808
  GS   ORGANIC COMPOUNDS
       .HYDROCARBONS
       ..ALIPHATIC HYDROCARBONS
       ...ALKANES
       ...#METHANE
  RT   BIOCONVERSION
       CHLOROFLUOROMETHANE
       COAL DERIVED GASES
       HYDROCARBON FUELS
       HYDROPYROLYSIS
       LANDFILLS
       LIQUEFIED NATURAL GAS
       NATURAL GAS
       NATURAL GAS EXPLORATION
       NEPTUNE ATMOSPHERE
       OIL FIELDS
       PETROLEUM PRODUCTS
       SYNTHANE
       URANUS ATMOSPHERE

METHANOL
  USE  METHYL ALCOHOL

METHENYL
  USE  METHYLIDYNE

METHIONINE
  0603 1808
  GS   ACIDS
       .AMINO ACIDS
       .#METHIONINE
       ORGANIC COMPOUNDS
       .AMINO ACIDS
       .#METHIONINE

METHOD OF CHARACTERISTICS
  1202 1902
  UF   CHARACTERISTIC METHOD
  RT % CHARACTERISTICS
       COMPRESSIBLE FLUIDS
       FLOW DISTRIBUTION
       HYPERBOLIC FUNCTIONS
       METEOROLOGY
     % METHODOLOGY
       PARTIAL DIFFERENTIAL EQUATIONS
       PLASTIC PROPERTIES
       PRANDTL-MEYER EXPANSION
```

STEADY FLOW
UNSTEADY FLOW

METHOD OF MOMENTS
0101
RT DISTRIBUTION MOMENTS
INTEGRAL EQUATIONS
MATHEMATICAL MODELS
MATRICES (MATHEMATICS)
% METHODOLOGY
MOMENT DISTRIBUTION
MOMENTS
NUMERICAL ANALYSIS

% METHODOLOGY
0502 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF METHODS
TECHNIQUES
RT APPROXIMATION
ASYMPTOTIC METHODS
BIOT METHOD
BOUNDARY INTEGRAL METHOD
BRIDGMAN METHOD
CRITICAL PATH METHOD
CROCCO METHOD
CZOCHRALSKI METHOD
DEBYE-SCHERRER METHOD
DELPHI METHOD (FORECASTING)
DIGITAL TECHNIQUES
EMERGENCY BREATHING TECHNIQUES
ENCKE METHOD
ENERGY METHODS
EQUILIBRIUM METHODS
ETHICS
FINITE ELEMENT METHOD
FINITE VOLUME METHOD
FUJITA METHOD
GALERKIN METHOD
GERT
GLIMM METHOD
HALPHEN METHOD
HARTREE-FOCK-SLATER METHOD
HEURISTIC METHODS
HILL METHOD
IMAGING TECHNIQUES
JACOBI MATRIX METHOD
KJELDAHL METHOD
LATIN SQUARE METHOD
LAUE METHOD
LEAST SQUARES METHOD
LIGHTHILL METHOD
MANAGEMENT METHODS
MATRIX MANAGEMENT
MATRIX METHODS
MAXIMUM ENTROPY METHOD
MAXWELL-MOHR METHOD
% MECHANISM
METHOD OF CHARACTERISTICS
METHOD OF MOMENTS
MILNE METHOD
MILNE-THOMSON METHOD
MINIMUM ENTROPY METHOD
MOIRE EFFECTS
MONTE CARLO METHOD
NEWTON-RAPHSON METHOD
PANEL METHOD (FLUID DYNAMICS)
PARTICLE IN CELL TECHNIQUE
PATTERN METHOD (FORECASTING)
PERCUS METHOD
POHLHAUSEN METHOD
PROBE METHOD (FORECASTING)
PROBLEM SOLVING
PROFILE METHOD (FORECASTING)
RAYLEIGH-RITZ METHOD
RELAXATION METHOD (MATHEMATICS)
RITZ AVERAGING METHOD
RULER METHOD
RUNGE-KUTTA METHOD
SCHMIDT METHOD
SCHWARTZ METHOD
SIMPLEX METHOD
STEEPEST DESCENT METHOD
STRAIN ENERGY METHODS
TRAVELING SOLVENT METHOD
VAN SLYKE METHOD
VON ZEIPEL METHOD
VORTEX IN CELL TECHNIQUE
WENTZEL-KRAMER-BRILLOUIN METHOD
WING FLOW METHOD TESTS

METHODS
USE METHODOLOGY
PROCEDURES

METHOXY SYSTEMS
0603 1808
RT ALCOHOLS
% CHEMICAL COMPOUNDS
INDOLES
ORGANIC CHEMISTRY
ORGANIC COMPOUNDS
PYRROLES
% SYSTEMS

METHYL ALCOHOL
0603 1808
UF METHANOL
GS HYDROXYL COMPOUNDS
.ALCOHOLS
.#METHYL ALCOHOL
RT KARL FISCHER REAGENT

METHYL CHLORIDE
1808
GS DRUGS
.ANESTHETICS
.#METHYL CHLORIDE
RT CHLORIDES

METHYL CHLOROSILANES
1808
GS HYDROGEN COMPOUNDS
.HYDRIDES
..SILANES
..#METHYL CHLOROSILANES
METHYL COMPOUNDS
#METHYL CHLOROSILANES
SILICON COMPOUNDS
.SILANES
.#METHYL CHLOROSILANES

METHYL COMPOUNDS
0603 1808
GS #METHYL COMPOUNDS
.ACETONITRILE
.METHYL CHLOROSILANES
.METHYL NITRATE
.METHYL POLYSILOXANES
RT % CHEMICAL COMPOUNDS
DIMETHYL COMPOUNDS
ORGANIC COMPOUNDS
TRIMETHYL COMPOUNDS

METHYL CYANIDE
USE ACETONITRILE

METHYL NITRATE
1808
GS ALKYL COMPOUNDS
#METHYL NITRATE
METHYL COMPOUNDS
#METHYL NITRATE
NITROGEN COMPOUNDS
.NITRATES
.#METHYL NITRATE

METHYL POLYSILOXANES
1808 1810
GS METHYL COMPOUNDS
#METHYL POLYSILOXANES
POLYSILOXANES
#METHYL POLYSILOXANES

SILICON POLYMERS
.SILICONES
.#METHYL POLYSILOXANES
RT % POLYMERS
SILICON COMPOUNDS

METHYLATION
0403 0602
GS CHEMICAL REACTIONS
#METHYLATION
RT ALKYLATION

METHYLENE
0603 1808
GS ORGANIC COMPOUNDS
.HYDROCARBONS
.#METHYLENE
RT DYES
STAINING

METHYLENE BLUE
0601 1808
GS DYES
#METHYLENE BLUE
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...AZINES
...#METHYLENE BLUE
PYRAZINES
.AZINES
.#METHYLENE BLUE
RT CHEMICAL ANALYSIS
CHEMICAL INDICATORS
% INDICATORS
STAINING

METHYLENE DIAMINE
1808
GS AMINES
#METHYLENE DIAMINE

METHYLHYDRAZINE
1808 2804
GS HYDRAZINES
#METHYLHYDRAZINE
RT DIMETHYLHYDRAZINES

METHYLIDYNE
0603
UF CH (METHYLIDYNE)
METHENYL
GS ORGANIC COMPOUNDS
.HYDROCARBONS
.#METHYLIDYNE
RADICALS
#METHYLIDYNE
RT % AROMATIC COMPOUNDS
CARBON COMPOUNDS
DIATOMIC MOLECULES
INTERSTELLAR GAS
INTERSTELLAR MATTER
MOLECULAR CLOUDS

METRAZOL
0405 0408
GS DRUGS
#METRAZOL

METRIC CONVERSION
USE METRICATION

METRIC PHOTOGRAPHY
1407 3501
GS PHOTOGRAPHY
#METRIC PHOTOGRAPHY

METRIC SPACE
1902
GS GEOMETRY
.TOPOLOGY
.#METRIC SPACE
RT BANACH SPACE
BIMETRIC THEORIES

METRIC SYSTEM
USE INTERNATIONAL SYSTEM OF UNITS

METRICATION
1505
UF METRIC CONVERSION
RT % CONVERSION
INTERNATIONAL SYSTEM OF UNITS
METROLOGY
STANDARDIZATION
UNITS OF MEASUREMENT

METROLOGY
1406 2311 3501
RT INTERNATIONAL SYSTEM OF UNITS
% MEASUREMENT
MEASURING INSTRUMENTS
METRICATION
STANDARDS
UNITS OF MEASUREMENT

METROPOLITAN AIRCRAFT
USE CV-440 AIRCRAFT

METROPOLITAN AREAS
USE CITIES

MEXICAN SPACE PROGRAM
3009 3409
GS PROGRAMS
.SPACE PROGRAMS
.#MEXICAN SPACE PROGRAM
RT MEXICO

MEXICO
1305
GS NATIONS
#MEXICO
RT COLORADO RIVER (NORTH AMERICA)
GULF OF CALIFORNIA (MEXICO)
GULF OF MEXICO
IMPERIAL VALLEY (CA)
LOWER CALIFORNIA (MEXICO)
MEXICAN SPACE PROGRAM
NORTH AMERICA
RIO GRANDE (NORTH AMERICA)
SAN ANDREAS FAULT
SOUTHERN CALIFORNIA

MGCO
USE MARS OBSERVER

MH-262 AIRCRAFT
0204
UF MAX HOLSTE MH-262 AIRCRAFT
NORD 262 AIRCRAFT
GS JET AIRCRAFT
.TURBOPROP AIRCRAFT
.#MH-262 AIRCRAFT
LIGHT AIRCRAFT
#MH-262 AIRCRAFT
MONOPLANES
#MH-262 AIRCRAFT
NORD AIRCRAFT
#MH-262 AIRCRAFT
TRANSPORT AIRCRAFT
#MH-262 AIRCRAFT
RT % AIRCRAFT
CARGO AIRCRAFT
PASSENGER AIRCRAFT

MICA
1806
UF FLUOROMICA
GS MINERALS
#MICA
..BIOTITE
..FLUOROPHLOGOPITE
..MUSCOVITE
RT IGNEOUS ROCKS

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        VERMICULITE

MICARTA
  1504 1805 1808 1811 3202
  GS    COMPOSITE MATERIALS
        .POLYMER MATRIX COMPOSITES
        ..REINFORCED PLASTICS
        ..#MICARTA
        PLASTICS
        .REINFORCED PLASTICS
        .#MICARTA
        .SYNTHETIC RESINS
        ..THERMOSETTING RESINS
        ...PHENOLIC RESINS
        ...#MICARTA
        RESINS
        .SYNTHETIC RESINS
        ..THERMOSETTING RESINS
        ...PHENOLIC RESINS
        ...#MICARTA
  RT    FABRICS
        FIBER COMPOSITES
        INSULATION
      % POLYMERS

MICE
  0402
  GS    ANIMALS
        .VERTEBRATES
        ..MAMMALS
        ...RODENTS
        ...#MICE
        .....JERBOAS
        .....POCKET MICE
  RT    RATS

MICHAEL REACTION
  0602 1808
  GS    CHEMICAL REACTIONS
        #MICHAEL REACTION

MICHAELIS THEORY
  0603 1808
  RT % THEORIES

MICHELL THEOREM
  2308 3203
  GS    THEOREMS
        #MICHELL THEOREM
  RT    STRESS ANALYSIS
        STRUCTURAL ANALYSIS

MICHELSON INTERFEROMETERS
  1405 2306 2310 2903
  GS    MEASURING INSTRUMENTS
        .INTERFEROMETERS
        .#MICHELSON INTERFEROMETERS
  RT    ASTROPHYSICS
        RADIO ASTRONOMY
        SPECTROMETERS

MICHIGAN
  1305
  GS    NATIONS
        .UNITED STATES
        .#MICHIGAN
  RT    PONTIAC (MI)
        SAGINAW BAY (MI)

MICROANALYSIS
  0601 0602 1002 2202
  GS    CHEMICAL TESTS
        .CHEMICAL ANALYSIS
        .#MICROANALYSIS
  RT    ELECTRON MICROSCOPES
        ELECTRON MICROSCOPY
        ELECTROPHOTOMETRY
        MASS SPECTROMETERS
      % MATERIALS TESTS
        NEUTRON ACTIVATION ANALYSIS
        QUALITATIVE ANALYSIS
        QUANTITATIVE ANALYSIS
        SCANNING ELECTRON MICROSCOPY
        SPECTROSCOPIC ANALYSIS
        TRANSMISSION ELECTRON MICROSCOPY
        X RAY ANALYSIS

MICROBALANCES
  0905 1406 3501
  UF    MICROSCALES
  GS    MEASURING INSTRUMENTS
        .INDICATING INSTRUMENTS
        ..WEIGHT INDICATORS
        ..#MICROBALANCES

MICROBALLOONS
  0205 3202
  GS    EXPANDABLE STRUCTURES
        .INFLATABLE STRUCTURES
        ..BALLOONS
        ..#MICROBALLOONS
  RT    GLOBULES
        LASERS
        SPHERES
        TARGETS

MICROBE
  USE   MICROORGANISMS

MICROBEAMS
  1002 2304 2403
  GS    BEAMS (RADIATION)
        #MICROBEAMS
  RT    COLLIMATION
        CRYSTALLOGRAPHY
        X RAY ANALYSIS

MICROBIOLOGY
  0404 0407
  GS   #MICROBIOLOGY
        .BACTERIOLOGY
  RT %  BIOLOGY
        CULTURE TECHNIQUES
        GNOTOBIOTICS

MICROBURSTS (METEOROLOGY)
  2001 2003
  SN    (EXCLUDES IONOSPHERIC RADIATION
        MICROBURSTS) URSTS)
  GS    METEOROLOGY
        .MICROMETEOROLOGY
        .#MICROBURSTS (METEOROLOGY)
        STORMS
        .STORMS (METEOROLOGY)
        ..DOWNBURSTS
        ..#MICROBURSTS (METEOROLOGY)
  RT    AVIATION METEOROLOGY
        FLIGHT HAZARDS
        THUNDERSTORMS
        VERTICAL AIR CURRENTS
        WIND SHEAR

MICROCALORIMETERS
  USE   CALORIMETERS

MICROCHANNEL PLATES
  0703
  UF    MULTICHANNEL PLATES
  RT    CHANNEL MULTIPLIERS
        DYNAMIC RANGE
        INTEGRATED CIRCUITS
        MICROCHANNELS
        MICROWAVE EQUIPMENT
        PHOTOMULTIPLIER TUBES
      % PLATES
        THIN FILMS

MICROCHANNELS
  1413 2306 3501
  RT    FREQUENCIES
        IMAGE CONVERTERS
        LIGHT AMPLIFIERS
        MICROCHANNEL PLATES
        MULTI-ANODE MICROCHANNEL ARRAYS
        NIGHT VISION
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      OPTICAL EQUIPMENT
      PHOTOCATHODES
      ULTRAVIOLET RADIATION

MICROCIRCUITS
  USE MICROELECTRONICS

MICROCLIMATOLOGY
  2001 2003
  GS  CLIMATOLOGY
      #MICROCLIMATOLOGY
  RT  AGROCLIMATOLOGY
      BIOMETEOROLOGY
      MICROMETEOROLOGY

MICROCOMPUTERS
  0802
  GS  DATA PROCESSING EQUIPMENT
      .COMPUTERS
      ..DIGITAL COMPUTERS
      ..#MICROCOMPUTERS
      ....PERSONAL COMPUTERS
      .....IBM PERSONAL COMPUTERS
      .....MACINTOSH PERSONAL COMPUTERS
  RT  MICROPROCESSORS
      MINICOMPUTERS

MICROCRACKS
  0602 3404
  GS  FRACTURES (MATERIALS)
      .CRACKS
      .#MICROCRACKS
  RT  CRACK CLOSURE
      CRACK GEOMETRY
      CRACK INITIATION
      ELBER EQUATION
      SURFACE CRACKS

MICROCRYSTALS
  1002 2601
  GS  CRYSTALS
      #MICROCRYSTALS
  RT  CRYSTALLITES
      SPHERULITES

MICROCYSTIS
  0404 0407 0409 0412
  GS  PLANTS (BOTANY)
      .ALGAE
      ..BLUE GREEN ALGAE
      ..#MICROCYSTIS
  RT  POLLUTION

MICRODENSITOMETERS
  1411 2306 2310 2402 3009
  GS  MEASURING INSTRUMENTS
      .DENSITOMETERS
      .#MICRODENSITOMETERS
      .OPTICAL MEASURING INSTRUMENTS
      .#MICRODENSITOMETERS
      OPTICAL EQUIPMENT
      .OPTICAL MEASURING INSTRUMENTS
      .#MICRODENSITOMETERS
  RT  GRAVIMETERS
      OPTICAL DENSITY
      OPTICAL MEASUREMENT
      PHOTOMETERS

MICROELECTRONICS
  1001 1002
  UF  MICROCIRCUITS
  GS  #MICROELECTRONICS
      .LARGE SCALE INTEGRATION
      .MEDIUM SCALE INTEGRATION
      .VERY LARGE SCALE INTEGRATION
  RT  BEAM LEADS
      CIRCUITS
    % ELECTRONICS
      ENCAPSULATED MICROCIRCUITS
      ION IMPLANTATION
      LASER MICROSCOPY
      MICROINSTRUMENTATION
      MICROMINIATURIZATION
      MICROMINIATURIZED ELECTRONIC
      DEVICES
      MICROMODULES
      MOLECULAR ELECTRONICS
      PHOTOLITHOGRAPHY
      PHOTOMASKS
      SINGLE EVENT UPSETS
      TRANSISTOR CIRCUITS
      WAFERS

MICROFIBERS
  1811
  GS  FIBERS
      #MICROFIBERS

MICROFILMS
  1407 3401 3405 9001
  GS  PHOTOGRAPHIC FILM
      #MICROFILMS
  RT  DATA RETRIEVAL
      DATA STORAGE
      MICROPHOTOGRAPHS
      READERS
      REPRODUCTION (COPYING)

MICROGRAPHY
  USE PHOTOMICROGRAPHY

MICROGRAVITY
  1309
  UF  LOW GRAVITY
      REDUCED GRAVITY
      SUBGRAVITY
  GS  GRAVITATION
      #MICROGRAVITY
  RT  ANTIGRAVITY
      BIOPROCESSING
      DROP TOWERS
      FLUID MANAGEMENT
      HIGH GRAVITY ENVIRONMENTS
      LOW GRAVITY MANUFACTURING
      LOW WEIGHT
      MARANGONI CONVECTION

% MICROGRAVITY APPLICATIONS
  1309
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  BIOPROCESSING
      COMMERCE LAB
      CRYSTAL GROWTH
      ELECTROPHORESIS
      LOW GRAVITY MANUFACTURING
      SPACE COMMERCIALIZATION
      SPACE MANUFACTURING
      SPACE PROCESSING

MICROHARDNESS
  0407 1704 3203 3408
  UF  MICROINDENTATION
  GS  MECHANICAL PROPERTIES
      .HARDNESS
      .#MICROHARDNESS
  RT  KNOOP HARDNESS
      ROCKWELL HARDNESS

MICROINDENTATION
  USE MICROHARDNESS

MICROINSTRUMENTATION
  0501 1402 1406 1410 3501
  RT  MEASURING INSTRUMENTS
      MICROELECTRONICS
      MICROMINIATURIZATION

MICROMACHINING
  1504
  GS  MACHINING
      #MICROMACHINING
  RT  CUTTING
      DRILLING
```

GRINDING (MATERIAL REMOVAL)
GROOVING
LASER CUTTING
LASER DRILLING
METAL CUTTING
METAL WORKING
MICROMECHANICS
MICROSTRUCTURE
PHOTOENGRAVING
PHOTOMASKS
PHOTOMECHANICAL EFFECT
SURFACE FINISHING
V GROOVES

MICROMANOMETERS
USE MANOMETERS

MICROMECHANICS
0802
RT COMPOSITE MATERIALS
CRACK PROPAGATION
FRACTURE MECHANICS
MECHANICAL PROPERTIES
% MECHANICS (PHYSICS)
MICROMACHINING
MICROSTRUCTURE
REINFORCING FIBERS
STRESS CONCENTRATION

MICROMETEORITES
3005 3009
GS CELESTIAL BODIES
.METEORITES
.#MICROMETEORITES
RT COSMIC DUST
HYPERVELOCITY PROJECTILES
METEOROIDS
MICROMETEOROIDS
TEKTITES
ZODIACAL DUST

MICROMETEOROID EXPLORER SATELLITES
3107
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
..EXPLORER SATELLITES
..#MICROMETEOROID EXPLORER SATELLITES

MICROMETEOROIDS
3005
UF METEORITIC DUST
MICROMETEORS
GS CELESTIAL BODIES
.METEOROIDS
.#MICROMETEOROIDS
...METEOROID DUST CLOUDS
....ZODIACAL DUST
RT COSMIC DUST
EXPLORER SATELLITES
INTERPLANETARY DUST
METEOR TRAILS
METEORITES
MICROMETEORITES
POYNTING-ROBERTSON EFFECT
SPACE DEBRIS
TERRESTRIAL DUST BELT
ZODIACAL LIGHT

MICROMETEOROLOGY
2001 2002
GS METEOROLOGY
#MICROMETEOROLOGY
..MICROBURSTS (METEOROLOGY)
RT AGROMETEOROLOGY
MESOMETEOROLOGY
MICROCLIMATOLOGY
TURBULENCE

MICROMETEORS
USE MICROMETEOROIDS

MICROMETERS
1406
GS MEASURING INSTRUMENTS
#MICROMETERS
RT DIMENSIONAL MEASUREMENT
DISTANCE MEASURING EQUIPMENT

MICROMILLIAMMETERS
1406
GS MEASURING INSTRUMENTS
.AMMETERS
.#MICROMILLIAMMETERS
RT ELECTRIC CURRENT
ELECTRICAL MEASUREMENT
GALVANOMETERS

MICROMINIATURIZATION
1001 1002
GS MINIATURIZATION
#MICROMINIATURIZATION
RT CIRCUITS
DTL INTEGRATED CIRCUITS
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
LINEAR INTEGRATED CIRCUITS
MICROELECTRONICS
MICROINSTRUMENTATION
MICROMINIATURIZED ELECTRONIC DEVICES
MINIATURE ELECTRONIC EQUIPMENT
MOLECULAR ELECTRONICS
SEMICONDUCTOR DEVICES
SUBMINIATURIZATION
THICK FILMS
THIN FILMS
TTL INTEGRATED CIRCUITS
WAFERS

MICROMINIATURIZED ELECTRONIC DEVICES
0905 1002
GS #MICROMINIATURIZED ELECTRONIC DEVICES
.MICROMODULES
RT MICROELECTRONICS
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT

MICROMODULES
1002
GS ELECTRONIC EQUIPMENT
.ELECTRONIC MODULES
.#MICROMODULES
MICROMINIATURIZED ELECTRONIC DEVICES
#MICROMODULES
MODULES
.ELECTRONIC MODULES
.#MICROMODULES
RT BEAM LEADS
% CONTAINERS
ELECTRONIC PACKAGING
MICROELECTRONICS
MICROPROCESSORS
MINIATURE ELECTRONIC EQUIPMENT
PHOTOLITHOGRAPHY

MICROMOTORS
0904 1002
SN (EXCLUDES ROCKET ENGINES)
GS MOTORS
.ELECTRIC MOTORS
.#MICROMOTORS

MICROORGANISMS
0402 0407
UF MICROBE
GS #MICROORGANISMS
.BACTERIA
..ACTINOMYCETES
..ARCHAEBACTERIA
..AZOTOBACTER
..BACILLUS
...STEAROTHERMOPHILUS

..CLOSTRIDIUM
...CLOSTRIDIUM BOTULINUM
..ESCHERICHIA
..HYDROGENOMONAS
..KLEBSIELLA
..NITROBACTER
..PSEUDOMONAS
..SALMONELLA
..SARCINA
..SERRATIA
..STAPHYLOCOCCUS
..STREPTOCOCCUS
..STREPTOMYCETES
.PROTOZOA
..AMOEBA
...PELOMYXA
..FLAGELLATA
...EUGLENA
...TRYPANOSOME
..PARAMECIA
.ROTIFERA
.VIRUSES
..ADENOVIRUSES
..BACTERIOPHAGES
..HUMAN IMMUNODEFICIENCY VIRUS
RT AEROBES
ALGAE
ANAEROBES
ANIMALS
ANTIBIOTICS
GNOTOBIOTICS
INVERTEBRATES
MESOPHILES
MICROPARTICLES
MICROSPORES
PLANTS (BOTANY)
POLLUTION
PSYCHROPHILES
RED TIDE
SAPROPHYTES
SPORES
VIRULENCE

MICROPARTICLES
2403
GS PARTICLES
#MICROPARTICLES
RT CONDENSATION NUCLEI
FERROFLUIDS
MICROORGANISMS
PARTICULATE REINFORCED COMPOSITES

MICROPHONES
0905 1413 2301 3501
GS AUDIO EQUIPMENT
#MICROPHONES
TRANSDUCERS
.SOUND TRANSDUCERS
..ELECTROACOUSTIC TRANSDUCERS
..#MICROPHONES
RT HYDROPHONES
INTERPHONES
MAGNETIC TRANSDUCERS
MONAURAL SIGNALS
TRANSMITTERS
ULTRASONIC WAVE TRANSDUCERS

MICROPHOTOGRAPHS
1407 1412
GS PHOTOGRAPHS
#MICROPHOTOGRAPHS
RT DATA STORAGE
MICROFILMS
PHOTOGRAPHY
PHOTOMASKS

MICROPHOTOMETERS
USE PHOTOMETERS

MICROPLASMAS
2501 2502
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
...PLASMAS (PHYSICS)
...#MICROPLASMAS

MICROPOLAR FLUIDS
0407 1202 0603
GS INCOMPRESSIBLE FLUIDS
#MICROPOLAR FLUIDS
RT FLUID MECHANICS
% FLUIDS
MICROSTRUCTURE

MICROPOROSITY
1704 2601 3408
GS POROSITY
#MICROPOROSITY
RT MECHANICAL PROPERTIES
METALLOGRAPHY
MICROSTRUCTURE

MICROPROCESSORS
0801
GS DATA PROCESSING EQUIPMENT
#MICROPROCESSORS
..INTEL 8080 MICROPROCESSOR
RT CENTRAL PROCESSING UNITS
COMPUTER DESIGN
COMPUTER STORAGE DEVICES
COMPUTER TECHNIQUES
DATA PROCESSING
DISTRIBUTED PROCESSING
FIRMWARE
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
MICROCOMPUTERS
MICROMODULES
ONBOARD DATA PROCESSING
TRANSPUTERS

MICROPROGRAMMING
0802
GS COMPUTER PROGRAMMING
#MICROPROGRAMMING
RT FIRMWARE
% PROGRAMMING

MICROPULSATIONS
1307 2307 2402
GS PULSES
#MICROPULSATIONS
..GEOMAGNETIC MICROPULSATIONS
RT VARIATIONS

MICROROCKET ENGINES
3106
GS ENGINES
.ROCKET ENGINES
.#MICROROCKET ENGINES
...ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)
RT ELECTRIC ROCKET ENGINES
ELECTROSTATIC ENGINES
MICROTHRUST
VERNIER ENGINES

MICROSCALES
USE MICROBALANCES

MICROSCOPES
1106 2310
GS #MICROSCOPES
.ACOUSTIC MICROSCOPES
.ELECTRON MICROSCOPES
.ION MICROSCOPES
.OPTICAL MICROSCOPES
RT BINOCULARS
EYEPIECES
METALLOGRAPHY
MICROSCOPY
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PHOTOMICROGRAPHY

ULTRAVIOLET MICROSCOPY

MICROSCOPY
0501 1406 2310
GS #MICROSCOPY
.ATOMIC FORCE MICROSCOPY
.ELECTRON MICROSCOPY
..SCANNING ELECTRON MICROSCOPY
..SCANNING TUNNELING MICROSCOPY
..TRANSMISSION ELECTRON MICROSCOPY
.LASER MICROSCOPY
.PHOTOACOUSTIC MICROSCOPY
.ULTRAVIOLET MICROSCOPY
RT CYTOMETRY
MICROSCOPES
MICROTOMY
PHASE CONTRAST
PHOTOMICROGRAPHY
SLIDES (MICROSCOPY)

MICROSEISMS
1308
GS ELASTIC WAVES
.SEISMIC WAVES
.#MICROSEISMS
RT CRUSTAL FRACTURES
EARTHQUAKE DAMAGE
EARTHQUAKES

MICROSONICS
1202 2301 2312
GS ACOUSTICS
#MICROSONICS
RT ELASTIC PROPERTIES
PIEZOELECTRIC CRYSTALS
SOUND FIELDS
SOUND WAVES
SURFACE ACOUSTIC WAVE DEVICES
SURFACE WAVES

MICROSPORES
0404 0409
GS SPORES
#MICROSPORES
RT FUNGI
MICROORGANISMS
PLANTS (BOTANY)
PROTOZOA

MICROSTRIP ANTENNAS
0701 0901
GS ANTENNAS
#MICROSTRIP ANTENNAS
MICROSTRIP DEVICES
#MICROSTRIP ANTENNAS
RT ANTENNA DESIGN
MICROSTRIP TRANSMISSION LINES
MICROWAVE ANTENNAS
WAVEGUIDE ANTENNAS

MICROSTRIP DEVICES
0701 0702 0901
GS #MICROSTRIP DEVICES
.MICROSTRIP ANTENNAS
.MICROSTRIP TRANSMISSION LINES
RT CIRCUITS
INTEGRATED CIRCUITS
MICROWAVE CIRCUITS
MICROWAVE EQUIPMENT

MICROSTRIP TRANSMISSION LINES
0702
UF FLAT COAXIAL TRANSMISSION LINES
PARALLEL STRIP LINES
GS MICROSTRIP DEVICES
#MICROSTRIP TRANSMISSION LINES
TRANSMISSION LINES
.STRIP TRANSMISSION LINES
.#MICROSTRIP TRANSMISSION LINES
RT DIRECTIONAL COUPLERS
MICROSTRIP ANTENNAS
MICROWAVE TRANSMISSION

MICROSTRUCTURE
0407 1704 2601
GS #MICROSTRUCTURE
.METEORITIC MICROSTRUCTURES
.WIDMANSTATTEN STRUCTURE
RT AGING (MATERIALS)
AGING (METALLURGY)
ATOMIC FORCE MICROSCOPY
AUSTENITE
BAINITE
BAUSCHINGER EFFECT
CAST ALLOYS
CASTING
CASTINGS
CEMENTITE
CRYSTAL STRUCTURE
CRYSTALLOGRAPHY
FERRITES
GRAIN SIZE
HARDENING (MATERIALS)
HEAT TREATMENT
LAMELLA (METALLURGY)
MARTENSITE
METALLOGRAPHY
MICROMACHINING
MICROMECHANICS
MICROPOLAR FLUIDS
MICROPOROSITY
MOLECULAR DYNAMICS
ORDER-DISORDER TRANSFORMATIONS
PEARLITE
PHOTOMICROGRAPHY
PRECIPITATES
QUENCHING (COOLING)
SHAPE MEMORY ALLOYS
SILICON ALLOYS
SPHERULITES
% STRUCTURES
THERMOMECHANICAL TREATMENT
VANADIUM ALLOYS
WORK SOFTENING

MICROTHRUST
2802 2808
GS THRUST
.LOW THRUST
.#MICROTHRUST
RT JET THRUST
LOW THRUST PROPULSION
MICROROCKET ENGINES
ROCKET THRUST
VARIABLE THRUST

MICROTOMY
0404 0501 1504
RT MEDICAL EQUIPMENT
MICROSCOPY

MICROTRONS
2203 2204 2405
GS PARTICLE ACCELERATORS
.CYCLOTRONS
.#MICROTRONS
RT BETATRONS
SYNCHROTRONS

MICROVISION LANDING AID
0501 0702 2310
GS DISPLAY DEVICES
#MICROVISION LANDING AID
LANDING AIDS
#MICROVISION LANDING AID

MICROWAVE ABSORPTION
0710 2309
GS ENERGY ABSORPTION
.RADIATION ABSORPTION
..ELECTROMAGNETIC ABSORPTION
..#MICROWAVE ABSORPTION
RT ABSORPTANCE
% ABSORPTION
ABSORPTION SPECTRA

ABSORPTIVITY
ACTIVATION
ATMOSPHERIC ATTENUATION
MICROWAVE ATTENUATION
MICROWAVE FREQUENCIES
MICROWAVE SCATTERING
MICROWAVE TRANSMISSION
MICROWAVES
RADAR
RADAR ABSORBERS

MICROWAVE AMPLIFIERS
0701 0705 0709
GS AMPLIFIERS
#MICROWAVE AMPLIFIERS
..CROSSED FIELD AMPLIFIERS
..CYCLOTRON RESONANCE DEVICES
..PLANOTRONS
MICROWAVE EQUIPMENT
#MICROWAVE AMPLIFIERS
..CROSSED FIELD AMPLIFIERS
..CYCLOTRON RESONANCE DEVICES
..PLANOTRONS
RT INTERSTELLAR MASERS
MASERS
PARAMETRIC AMPLIFIERS
TRANSFERRED ELECTRON DEVICES

MICROWAVE ANTENNAS
0701 0901 2309
GS ANTENNAS
.RADIO ANTENNAS
.#MICROWAVE ANTENNAS
...HORN ANTENNAS
...LENS ANTENNAS
...SPACETENNAS
MICROWAVE EQUIPMENT
#MICROWAVE ANTENNAS
..HORN ANTENNAS
..LENS ANTENNAS
..RECTENNAS
..SPACETENNAS
RADIO EQUIPMENT
.RADIO ANTENNAS
.#MICROWAVE ANTENNAS
...HORN ANTENNAS
...LENS ANTENNAS
...SPACETENNAS
RT AIRCRAFT ANTENNAS
ANTENNA ARRAYS
BACKFIRE ANTENNAS
DIRECTIONAL ANTENNAS
GREGORIAN ANTENNAS
HELICAL ANTENNAS
MICROSTRIP ANTENNAS
MISSILE ANTENNAS
MULTIBEAM ANTENNAS
OMNIDIRECTIONAL ANTENNAS
PARABOLIC ANTENNAS
PARABOLIC REFLECTORS
RADAR ANTENNAS
REFLECTOR ANTENNAS
SLOT ANTENNAS
WAVEGUIDE ANTENNAS

MICROWAVE ATTENUATION
0705 0904 2309 2402
GS ATTENUATION
#MICROWAVE ATTENUATION
TRANSMISSION
.ELECTROMAGNETIC WAVE TRANSMISSION
..RADIO TRANSMISSION
..#MICROWAVE ATTENUATION
.SIGNAL TRANSMISSION
..RADIO TRANSMISSION
..#MICROWAVE ATTENUATION
RT MICROWAVE ABSORPTION
WAVE PROPAGATION

MICROWAVE CIRCUITS
0902 2309
GS CIRCUITS
#MICROWAVE CIRCUITS
RT MICROSTRIP DEVICES

MICROWAVE COUPLING
0902 2304 2309
GS COUPLING
.ELECTROMAGNETIC COUPLING
.#MICROWAVE COUPLING
RT ANTENNA COUPLERS
COUPLING CIRCUITS
CROSS COUPLING
DIRECTIONAL ANTENNAS
DIRECTIONAL COUPLERS
OPTICAL COUPLING

MICROWAVE EMISSION
1302 2309 2903
GS ELECTROMAGNETIC RADIATION
.RADIO WAVES
..SHORT WAVE RADIATION
...MICROWAVES
...#MICROWAVE EMISSION
EMISSION
#MICROWAVE EMISSION
RT COSMIC NOISE
DIFFRACTION RADIATION
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
LINEAR POLARIZATION
MICROWAVE SIGNATURES
STELLAR RADIATION

MICROWAVE EQUIPMENT
0705 0905 2309
GS #MICROWAVE EQUIPMENT
.GYRATORS
..MICROWAVE FILTERS
.MICROWAVE AMPLIFIERS
..CROSSED FIELD AMPLIFIERS
..CYCLOTRON RESONANCE DEVICES
..PLANOTRONS
.MICROWAVE ANTENNAS
..HORN ANTENNAS
..LENS ANTENNAS
..RECTENNAS
..SPACETENNAS
.MICROWAVE INTERFEROMETERS
.MICROWAVE OSCILLATORS
..MAGNETRONS
...NIGOTRONS
.MICROWAVE PROBES
..MICROWAVE PLASMA PROBES
.MICROWAVE RADIOMETERS
.MICROWAVE SCANNING BEAM LANDING SYSTEM
.MICROWAVE TUBES
..CELESCOPES
..CYCLOTRON RESONANCE DEVICES
..KLYSTRONS
..MAGNETRONS
...NIGOTRONS
..PLANOTRONS
..TRAVELING WAVE TUBES
...BACKWARD WAVE TUBES
....HELITRONS
...CARCINOTRONS
.THYRATRONS
RT GAS DISCHARGE TUBES
MICROCHANNEL PLATES
MICROSTRIP DEVICES

MICROWAVE FILTERS
0902 0904 2309
GS ELECTROMAGNETIC WAVE FILTERS
.ELECTRIC FILTERS
.#MICROWAVE FILTERS
MICROWAVE EQUIPMENT
.GYRATORS
.#MICROWAVE FILTERS
RT BANDPASS FILTERS
BANDSTOP FILTERS
DIGITAL FILTERS
FIR FILTERS

HIGH PASS FILTERS
LOW PASS FILTERS
RADAR FILTERS
RADIO FILTERS
RECTANGULAR WAVEGUIDES
WAVEGUIDE FILTERS

MICROWAVE FREQUENCIES
2309 2402
SN (1 TO 100 GHZ)
GS FREQUENCIES
.RADIO FREQUENCIES
.#MICROWAVE FREQUENCIES
...C BAND
...EXTREMELY HIGH FREQUENCIES
...P BAND
...SUPERHIGH FREQUENCIES
RT ACOUSTIC MICROSCOPES
CENTIMETER WAVES
MICROWAVE ABSORPTION
MICROWAVES
PASSIVE L-BAND RADIOMETERS
PRAETERSONIC DEVICES

MICROWAVE HOLOGRAPHY
0705 1407 1601
GS IMAGERY
.HOLOGRAPHY
.#MICROWAVE HOLOGRAPHY
PHOTOGRAPHY
.HOLOGRAPHY
.#MICROWAVE HOLOGRAPHY
RT IMAGING TECHNIQUES
MICROWAVES
WAVE FRONT RECONSTRUCTION

MICROWAVE IMAGERY
0705
GS IMAGERY
#MICROWAVE IMAGERY
RT RADARSCOPES
SYNTHETIC APERTURE RADAR
X RAY IMAGERY

MICROWAVE INTERFEROMETERS
1405 1406 2309
GS MEASURING INSTRUMENTS
.INTERFEROMETERS
.#MICROWAVE INTERFEROMETERS
MICROWAVE EQUIPMENT
#MICROWAVE INTERFEROMETERS
RT FABRY-PEROT INTERFEROMETERS
PLASMA DIAGNOSTICS

MICROWAVE LANDING SYSTEMS
0203 0506 0507
GS LANDING AIDS
#MICROWAVE LANDING SYSTEMS
..MICROWAVE SCANNING BEAM LANDING SYSTEM
RT AIR TRAFFIC CONTROL
AIRCRAFT LANDING
AIRCRAFT SAFETY
APPROACH CONTROL
AUTOMATED EN ROUTE ATC
AUTOMATIC LANDING CONTROL
% SYSTEMS

MICROWAVE OSCILLATORS
0904 1201 2309
GS MICROWAVE EQUIPMENT
#MICROWAVE OSCILLATORS
..MAGNETRONS
...NIGOTRONS
OSCILLATORS
#MICROWAVE OSCILLATORS
..MAGNETRONS
...NIGOTRONS
RT BACKWARD WAVE TUBES
BARRITT DIODES
DIFFRACTION RADIATION
GAS DISCHARGE TUBES
KLYSTRONS
MICROWAVE TUBES
SUPERCONDUCTING CAVITY RESONATORS
TRANSFERRED ELECTRON DEVICES
TRAVELING WAVE TUBES
VACUUM TUBE OSCILLATORS
VOLTAGE CONTROLLED OSCILLATORS

MICROWAVE PHOTOGRAPHY
0705 0708 1407 1409 2003
GS IMAGERY
#MICROWAVE PHOTOGRAPHY
PHOTOGRAPHY
#MICROWAVE PHOTOGRAPHY
RT RADAR DATA
RADAR PHOTOGRAPHY
RADARSCOPES

MICROWAVE PLASMA PROBES
1406 2309 2502
GS MEASURING INSTRUMENTS
.MICROWAVE PROBES
.#MICROWAVE PLASMA PROBES
MICROWAVE EQUIPMENT
.MICROWAVE PROBES
.#MICROWAVE PLASMA PROBES
RT ELECTRON PROBES
PLASMA FLUX MEASUREMENT
PLASMAGUIDES
PLASMAS (PHYSICS)
RESONANCE PROBES

MICROWAVE POWER BEAMING
3107 3109
UF POWER TRANSMISSION (MICROWAVE)
GS POWER BEAMING
#MICROWAVE POWER BEAMING
RT LASER POWER BEAMING
MICROWAVE TRANSMISSION
SATELLITE POWER TRANSMISSION
SPACECRAFT POWER SUPPLIES

MICROWAVE PROBES
1406 2309
GS MEASURING INSTRUMENTS
#MICROWAVE PROBES
..MICROWAVE PLASMA PROBES
MICROWAVE EQUIPMENT
#MICROWAVE PROBES
..MICROWAVE PLASMA PROBES
RT RADIO FREQUENCY IMPEDANCE PROBES

MICROWAVE RADIATION
USE MICROWAVES

MICROWAVE RADIOMETERS
1406 2309 2402
GS MEASURING INSTRUMENTS
.RADIATION MEASURING INSTRUMENTS
..ACTINOMETERS
...RADIOMETERS
...#MICROWAVE RADIOMETERS
MICROWAVE EQUIPMENT
#MICROWAVE RADIOMETERS

MICROWAVE REFLECTOMETERS
1406 2309
GS MEASURING INSTRUMENTS
.OPTICAL MEASURING INSTRUMENTS
..REFLECTOMETERS
..#MICROWAVE REFLECTOMETERS
OPTICAL EQUIPMENT
.OPTICAL MEASURING INSTRUMENTS
..REFLECTOMETERS
..#MICROWAVE REFLECTOMETERS
RT KINEMATICS

MICROWAVE RESONANCE
0710 0902 2309 2402
GS RESONANCE
#MICROWAVE RESONANCE
RT CAVITY RESONATORS
HARMONIC ANALYSIS

NONRESONANCE

MICROWAVE SCANNING BEAM LANDING SYSTEM
0705
UF MSBLS
GS LANDING AIDS
.MICROWAVE LANDING SYSTEMS
.#MICROWAVE SCANNING BEAM LANDING SYSTEM
MICROWAVE EQUIPMENT
#MICROWAVE SCANNING BEAM LANDING SYSTEM
NAVIGATION AIDS
#MICROWAVE SCANNING BEAM LANDING SYSTEM
RT APPROACH INDICATORS
SPACE SHUTTLE ORBITERS
% SYSTEMS

MICROWAVE SCATTERING
0710 2309 2402
GS SCATTERING
.WAVE SCATTERING
..ELECTROMAGNETIC SCATTERING
..#MICROWAVE SCATTERING
RT ATMOSPHERIC SCATTERING
MICROWAVE ABSORPTION
MICROWAVE SIGNATURES
SCATTEROMETERS

MICROWAVE SENSORS
0702 1409
GS MEASURING INSTRUMENTS
#MICROWAVE SENSORS
RT % INSTRUMENTS
RADAR RECEIVERS
% SENSORS
SIGNAL DETECTORS
SYNTHETIC APERTURE RADAR

MICROWAVE SIGNATURES
2309
GS SIGNATURES
.SPECTRAL SIGNATURES
.#MICROWAVE SIGNATURES
RT BACKSCATTERING
MICROWAVE EMISSION
MICROWAVE SCATTERING
MICROWAVES
RADAR SIGNATURES
SIGNATURE ANALYSIS

MICROWAVE SOUNDING
1308
GS SOUNDING
#MICROWAVE SOUNDING
RT IMAGERY
MICROWAVES
ROCKET SOUNDING

MICROWAVE SPECTRA
2309 2402 3009 2903
UF INTERSTELLAR MICROWAVE SPECTRA
GS SPECTRA
.RADIATION SPECTRA
..ELECTROMAGNETIC SPECTRA
...RADIO SPECTRA
...#MICROWAVE SPECTRA
RT ABSORPTION SPECTRA
INFRARED SPECTRA
MOLECULAR ROTATION
MOLECULAR SPECTRA
MOLECULAR SPECTROSCOPY

MICROWAVE SPECTROMETERS
1406 1411 2311
GS MEASURING INSTRUMENTS
.SPECTROMETERS
.#MICROWAVE SPECTROMETERS

MICROWAVE SWITCHING
0902 0904 2309
GS SWITCHING
#MICROWAVE SWITCHING
RT FERROELECTRICITY
GYRATORS
PACKET SWITCHING
PHASE SHIFT
SWITCHING CIRCUITS
WAVEGUIDES

MICROWAVE TRANSMISSION
0701 2309 2402
GS TRANSMISSION
.ELECTROMAGNETIC WAVE TRANSMISSION
..RADIO TRANSMISSION
..#MICROWAVE TRANSMISSION
.SIGNAL TRANSMISSION
..RADIO TRANSMISSION
..#MICROWAVE TRANSMISSION
RT ACTS
CIRCULAR WAVEGUIDES
DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS
DOWNLINKING
FLEET SATELLITE COMMUNICATION SYSTEM
FREQUENCY REUSE
LASER POWER BEAMING
MICROSTRIP TRANSMISSION LINES
MICROWAVE ABSORPTION
MICROWAVE POWER BEAMING
POWER BEAMING
SATELLITE SOLAR ENERGY CONVERSION
SATELLITE SOLAR POWER STATIONS
SPACETENNAS
TELETYPEWRITER SYSTEMS
UPLINKING
VSAT (NETWORK)
WAVE PROPAGATION
WAVEGUIDES

MICROWAVE TUBES
0905 2309 2402
GS ELECTRON TUBES
.VACUUM TUBES
.#MICROWAVE TUBES
...CELESCOPES
...CYCLOTRON RESONANCE DEVICES
...KLYSTRONS
...MAGNETRONS
....NIGOTRONS
...PLANOTRONS
...TRAVELING WAVE TUBES
....BACKWARD WAVE TUBES
.....HELITRONS
....CARCINOTRONS
MICROWAVE EQUIPMENT
#MICROWAVE TUBES
..CELESCOPES
..CYCLOTRON RESONANCE DEVICES
..KLYSTRONS
..MAGNETRONS
...NIGOTRONS
..PLANOTRONS
..TRAVELING WAVE TUBES
...BACKWARD WAVE TUBES
....HELITRONS
...CARCINOTRONS
RT DIFFRACTION RADIATION
GAS DISCHARGE TUBES
MICROWAVE OSCILLATORS
OSCILLATORS
PHOTOMULTIPLIER TUBES
PHOTOTUBES
TRIODES
% TUBES

MICROWAVES
2309 2903
UF MICROWAVE RADIATION
GS ELECTROMAGNETIC RADIATION
.RADIO WAVES
..SHORT WAVE RADIATION
..#MICROWAVES

....CENTIMETER WAVES
....DECIMETER WAVES
....MICROWAVE EMISSION
....MILLIMETER WAVES
RT COSMIC NOISE
DIFFRACTION RADIATION
ELECTROMAGNETIC NOISE
EXTRATERRESTRIAL RADIO WAVES
INFRARED RADIATION
MICROWAVE ABSORPTION
MICROWAVE FREQUENCIES
MICROWAVE HOLOGRAPHY
MICROWAVE SIGNATURES
MICROWAVE SOUNDING
% RADIATION
SATELLITE SOLAR ENERGY CONVERSION
SATELLITE SOLAR POWER STATIONS
SCATTEROMETERS
SUBMILLIMETER WAVES
WHISTLERS

MICROWEIGHING
USE WEIGHT MEASUREMENT

MICROYIELD STRENGTH
1704
GS MECHANICAL PROPERTIES
.YIELD STRENGTH
.#MICROYIELD STRENGTH
RT ELASTIC PROPERTIES
% STRENGTH
STRESSES
YIELD POINT

MICTURITION
USE URINATION

MID-OCEAN RIDGES
1305 1306 1310
UF MID-OCEANIC RIDGES
RT ATLANTIC OCEAN
GEOLOGICAL FAULTS
INDIAN OCEAN
OCEAN BOTTOM
OCEANOGRAPHY
PACIFIC OCEAN
% RIDGES
SEA FLOOR SPREADING
SEAMOUNTS
SEISMOLOGY

MID-OCEANIC RIDGES
USE MID-OCEAN RIDGES

MIDAIR COLLISIONS
0203 2101
GS COLLISIONS
#MIDAIR COLLISIONS
..BIRD-AIRCRAFT COLLISIONS
RT AIR TRAFFIC CONTROL
AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY
BEACON COLLISION AVOIDANCE SYSTEM
COLLISION AVOIDANCE
CRASHES
FLIGHT HAZARDS
FLIGHT SAFETY
PILOT ERROR
THREAT EVALUATION

MIDALTITUDE
1308
GS ALTITUDE
#MIDALTITUDE
RT FLIGHT ALTITUDE
HIGH ALTITUDE
LOW ALTITUDE

MIDAS SATELLITES
1404 3107 3401
GS ARTIFICIAL SATELLITES
#MIDAS SATELLITES
..MIDAS 2 SATELLITE
..MIDAS 3 SATELLITE
..MIDAS 4 SATELLITE
..MIDAS 5 SATELLITE
..MIDAS 6 SATELLITE
..MIDAS 7 SATELLITE
MILITARY SPACECRAFT
.RECONNAISSANCE SPACECRAFT
.#MIDAS SATELLITES
...MIDAS 2 SATELLITE
...MIDAS 3 SATELLITE
...MIDAS 4 SATELLITE
...MIDAS 5 SATELLITE
...MIDAS 6 SATELLITE
...MIDAS 7 SATELLITE
RT ATLAS AGENA B LAUNCH VEHICLE

MIDAS 2 SATELLITE
1404 3107
GS ARTIFICIAL SATELLITES
.MIDAS SATELLITES
.#MIDAS 2 SATELLITE
MILITARY SPACECRAFT
.RECONNAISSANCE SPACECRAFT
..MIDAS SATELLITES
..#MIDAS 2 SATELLITE

MIDAS 3 SATELLITE
1404 3107
GS ARTIFICIAL SATELLITES
.MIDAS SATELLITES
.#MIDAS 3 SATELLITE
MILITARY SPACECRAFT
.RECONNAISSANCE SPACECRAFT
..MIDAS SATELLITES
..#MIDAS 3 SATELLITE

MIDAS 4 SATELLITE
1404 3107
GS ARTIFICIAL SATELLITES
.MIDAS SATELLITES
.#MIDAS 4 SATELLITE
MILITARY SPACECRAFT
.RECONNAISSANCE SPACECRAFT
..MIDAS SATELLITES
..#MIDAS 4 SATELLITE

MIDAS 5 SATELLITE
1404 3107
GS ARTIFICIAL SATELLITES
.MIDAS SATELLITES
.#MIDAS 5 SATELLITE
MILITARY SPACECRAFT
.RECONNAISSANCE SPACECRAFT
..MIDAS SATELLITES
..#MIDAS 5 SATELLITE

MIDAS 6 SATELLITE
1404 3107
GS ARTIFICIAL SATELLITES
.MIDAS SATELLITES
.#MIDAS 6 SATELLITE
MILITARY SPACECRAFT
.RECONNAISSANCE SPACECRAFT
..MIDAS SATELLITES
..#MIDAS 6 SATELLITE

MIDAS 7 SATELLITE
0705 3107
GS ARTIFICIAL SATELLITES
.MIDAS SATELLITES
.#MIDAS 7 SATELLITE
MILITARY SPACECRAFT
.RECONNAISSANCE SPACECRAFT
..MIDAS SATELLITES
..#MIDAS 7 SATELLITE

MIDCOURSE GUIDANCE
2102 2103
GS GUIDANCE (MOTION)
#MIDCOURSE GUIDANCE
RT COMMAND GUIDANCE

INERTIAL GUIDANCE
INJECTION GUIDANCE
RENDEZVOUS GUIDANCE
SPACECRAFT GUIDANCE
TERMINAL GUIDANCE
TRANSEARTH INJECTION
TRANSLUNAR INJECTION

MIDCOURSE TRAJECTORIES
1904 2102 2204 3101 3103 3105 3106
3108
GS TRAJECTORIES
#MIDCOURSE TRAJECTORIES
RT ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
COASTING FLIGHT
DESCENT TRAJECTORIES
PARABOLIC FLIGHT

MIDDLE ATMOSPHERE
2003 3009
GS EARTH ATMOSPHERE
#MIDDLE ATMOSPHERE
..MESOSPHERE
...MESOPAUSE
..STRATOSPHERE
...OZONOSPHERE
...STRATOPAUSE
RT AIR
AIR POLLUTION
% ATMOSPHERES
ATMOSPHERIC CHEMISTRY
ATMOSPHERIC CIRCULATION
ATMOSPHERIC COMPOSITION
CHEMOSPHERE
CLIMATOLOGY
EQUATORIAL ATMOSPHERE
FREE ATMOSPHERE
HETEROSPHERE
HOMOSPHERE
LOWER ATMOSPHERE
MIDLATITUDE ATMOSPHERE
TROPOPAUSE
UPPER ATMOSPHERE
ZONAL FLOW (METEOROLOGY)

MIDDLE EAR
0404 0405 0408
GS ANATOMY
.SENSE ORGANS
..EAR
..#MIDDLE EAR
RT SEMICIRCULAR CANALS

MIDDLE EAR PRESSURE
0404 0408
GS PRESSURE
#MIDDLE EAR PRESSURE
RT EAR PRESSURE TEST
EARDRUMS

MIDLATITUDE ATMOSPHERE
1301 1302 1308 2003
GS EARTH ATMOSPHERE
#MIDLATITUDE ATMOSPHERE
ENVIRONMENTS
#MIDLATITUDE ATMOSPHERE
RT EARTH IONOSPHERE
MIDDLE ATMOSPHERE
SPORADIC E LAYER

MIDLATITUDES
USE TEMPERATE REGIONS

MIE SCATTERING
0710 1902 2402 2403
UF MIE THEORY
GS SCATTERING
.WAVE SCATTERING
..ELECTROMAGNETIC SCATTERING
..#MIE SCATTERING
....RAYLEIGH SCATTERING

MIE THEORY
USE MIE SCATTERING

MIG AIRCRAFT
0201
GS ATTACK AIRCRAFT
.FIGHTER AIRCRAFT
.#MIG AIRCRAFT
SINGLE ENGINE AIRCRAFT
#MIG AIRCRAFT
SUPERSONIC AIRCRAFT
#MIG AIRCRAFT
RT % AIRCRAFT

MIGRATION
0402 0408
RT BEHAVIOR
PHENOLOGY
WATERFOWL

MIL AIRCRAFT
0204 0206 0207
RT % AIRCRAFT

MILANKOVITCH THEORY
USE CLIMATOLOGY

MILITARY AIR FACILITIES
1101 3401
UF AIRCRAFT BASES
RT AIR TRAFFIC CONTROL
% AIRCRAFT
AIRCRAFT CARRIERS
AIRPORTS
% FACILITIES
% FIELDS
HANGARS
HELIPORTS
LANDING AIDS
LANDING MATS
NAVIGATION AIDS
STATIONS

% MILITARY AIRCRAFT
0206 0207 0209 3401
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF BOEING MILITARY AIRCRAFT
CESSNA MILITARY AIRCRAFT
CHANCE-VOUGHT MILITARY AIRCRAFT
CONVAIR MILITARY AIRCRAFT
CURTISS-WRIGHT MILITARY AIRCRAFT
FAIRCHILD MILITARY AIRCRAFT
HILLER MILITARY AIRCRAFT
REPUBLIC MILITARY AIRCRAFT
RT A-37 AIRCRAFT
AH-1G HELICOPTER
AH-63 HELICOPTER
AH-64 HELICOPTER
% AIRCRAFT
AIRCRAFT CARRIERS
AIRCRAFT SURVIVABILITY
AIRSHIPS
ALPHA JET AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
ARMED FORCES
ARMED FORCES (FOREIGN)
ARMED FORCES (UNITED STATES)
ATTACK AIRCRAFT
ATTACKING (ASSAULTING)
AWACS AIRCRAFT
B-1 AIRCRAFT
B-2 AIRCRAFT
BOMBER AIRCRAFT
C-1A AIRCRAFT
CARGO AIRCRAFT
CH-62 HELICOPTER
CL-600 CHALLENGER AIRCRAFT
DRONE AIRCRAFT
DRONE VEHICLES
E-2 AIRCRAFT

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      E-3A AIRCRAFT
      E-4A AIRCRAFT
      FIGHTER AIRCRAFT
      FIREBEE 2 TARGET DRONE AIRCRAFT
      FV-12A AIRCRAFT
      GLIDERS
      GROUND EFFECT MACHINES
      H-60 HELICOPTER
      HARRIER AIRCRAFT
      HELICOPTERS
      JAGUAR AIRCRAFT
      JET AIRCRAFT
      LIGHT AIRCRAFT
    % MILITARY AVIATION
      MILITARY HELICOPTERS
      MRCA AIRCRAFT
      NUCLEAR PROPELLED AIRCRAFT
      OBSERVATION AIRCRAFT
      PANAVIA MILITARY AIRCRAFT
      PASSENGER AIRCRAFT
      PILOTLESS AIRCRAFT
      RECONNAISSANCE AIRCRAFT
      RESEARCH AIRCRAFT
      ROTARY WING AIRCRAFT
      S-3 AIRCRAFT
      SHORT TAKEOFF AIRCRAFT
      SR-71 AIRCRAFT
      SUBMERSIBLE AIRCRAFT
      TAILLESS AIRCRAFT
      TANKER AIRCRAFT
      TARGET DRONE AIRCRAFT
      TERRAIN FOLLOWING AIRCRAFT
      TRAINING AIRCRAFT
      TRANSPORT AIRCRAFT
      UTILITY AIRCRAFT
      V-22 AIRCRAFT
      V/STOL AIRCRAFT
      VERTICAL TAKEOFF AIRCRAFT
      WEAPON SYSTEMS
      YC-14 AIRCRAFT
      YF-12 AIRCRAFT
      YF-16 AIRCRAFT

% MILITARY AVIATION
  0206 0207 3401
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT % AERONAUTICS
       AIR LAW
       ARMED FORCES
       AVIATION METEOROLOGY
       BOMBER AIRCRAFT
       FIGHTER AIRCRAFT
     % MILITARY AIRCRAFT
       RECONNAISSANCE AIRCRAFT

MILITARY COMPACT REACTORS
  2201 2204 3401
  UF   MCR REACTORS
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..LIQUID METAL COOLED REACTORS
       ..#MILITARY COMPACT REACTORS
       .NUCLEAR RESEARCH AND TEST REACTORS
       .#MILITARY COMPACT REACTORS

MILITARY HELICOPTERS
  0206 0207 3401
  GS   V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ..#MILITARY HELICOPTERS
       ....AH-1G HELICOPTER
       ....AH-64 HELICOPTER
       ....BELL 214A HELICOPTER
       ....BO-105 HELICOPTER
       ....CH-3 HELICOPTER
       ....CH-21 HELICOPTER
       ....CH-34 HELICOPTER
       ....CH-46 HELICOPTER
       ....CH-47 HELICOPTER
       ....CH-54 HELICOPTER
       ....H-19 HELICOPTER
       ....H-43 HELICOPTER
       ....H-53 HELICOPTER
       ....H-54 HELICOPTER
       ....H-56 HELICOPTER
       ....H-60 HELICOPTER
       ....HC-3 HELICOPTER
       ....HEAVY LIFT HELICOPTERS
       .....CH-62 HELICOPTER
       ....HH-43 HELICOPTER
       ....OH-4 HELICOPTER
       ....OH-5 HELICOPTER
       ....OH-6 HELICOPTER
       ....OH-13 HELICOPTER
       ....OH-23 HELICOPTER
       ....OH-58 HELICOPTER
       ....P-531 HELICOPTER
       ....QH-50 HELICOPTER
       ....S-58 HELICOPTER
       ....S-61 HELICOPTER
       ....SA-321 HELICOPTER
       ....SA-330 HELICOPTER
       ....SH-3 HELICOPTER
       ....SH-4 HELICOPTER
       ....SIKORSKY WHIRLWIND HELICOPTER
       ....UH-1 HELICOPTER
       ....UH-2 HELICOPTER
       ....UH-34 HELICOPTER
       ....UH-60A HELICOPTER
       ....UH-61A HELICOPTER
       ....WESTLAND WHIRLWIND HELICOPTER
       ....XV-9A AIRCRAFT
  RT % AIRCRAFT
       ATTACK AIRCRAFT
       LIGHT HELICOPTERS
     % MILITARY AIRCRAFT
       RECONNAISSANCE AIRCRAFT

MILITARY OPERATIONS
  0207 3410
  GS   #MILITARY OPERATIONS
       .COMBAT
       .ELECTRONIC WARFARE
  RT   DEPLOYMENT
       TACTICS
       TANKS (COMBAT VEHICLES)

MILITARY PSYCHIATRY
  USE  MILITARY PSYCHOLOGY

MILITARY PSYCHOLOGY
  0408 0410 3401 3402
  UF   MILITARY PSYCHIATRY
  GS   PSYCHOLOGY
       #MILITARY PSYCHOLOGY
  RT   AVIATION PSYCHOLOGY
       PSYCHIATRY
       PSYCHOLOGICAL EFFECTS
       PSYCHOLOGICAL TESTS
       PSYCHOMETRICS
       SPACE PSYCHOLOGY

MILITARY SPACECRAFT
  3110 3401
  GS   #MILITARY SPACECRAFT
       .DMSP SATELLITES
       .RECONNAISSANCE SPACECRAFT
       ..INSPECTOR SATELLITE
       ..MIDAS SATELLITES
       ...MIDAS 2 SATELLITE
       ...MIDAS 3 SATELLITE
       ...MIDAS 4 SATELLITE
       ...MIDAS 5 SATELLITE
       ...MIDAS 6 SATELLITE
       ...MIDAS 7 SATELLITE
       ..PHOTO RECONNAISSANCE SPACECRAFT
       ..SAMOS
       .VELA SATELLITES
  RT   AEROSPACE PLANES
       ARMED FORCES
       ARTIFICIAL SATELLITES
       COLUMBUS SPACE STATION
```

EVASIVE SATELLITES
MANNED SPACECRAFT
METEOROLOGICAL SATELLITES
% MILITARY VEHICLES
NAVIGATION SATELLITES
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
SATELLITE NETWORKS
SPACE STATIONS
SPACE SURVEILLANCE (SPACEBORNE)
% SPACECRAFT
SYNCHRONOUS SATELLITES
UNMANNED SPACECRAFT
WEAPON SYSTEMS

MILITARY TECHNOLOGY
3401 3404
GS TECHNOLOGIES
#MILITARY TECHNOLOGY
RT ANTIMISSILE DEFENSE
ANTIRADIATION MISSILES
ANTISUBMARINE WARFARE
ARMED FORCES (FOREIGN)
ARMED FORCES (UNITED STATES)
ARMY-NAVY INSTRUMENTATION PROGRAM
AWACS AIRCRAFT
BALLISTIC MISSILE EARLY WARNING SYSTEM
DEFENSE COMMUNICATIONS SYSTEM (DCS)
DEFENSE INDUSTRY
DEFENSE PROGRAM
DEPLOYMENT
FLEET SATELLITE COMMUNICATION SYSTEM
INTERSERVICE DATA EXCHANGE PROGRAM
LASER WEAPONS
LOGISTICS OVER THE SHORE (LOTS)
CARRIER
MISSILE DEFENSE
OPTICAL COUNTERMEASURES
RADAR HOMING MISSILES
SAFEGUARD SYSTEM
TACTICS
WEAPONS
WEAPONS DELIVERY
WEAPONS INDUSTRY

% MILITARY VEHICLES
0207 1102 3401
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AEROQUATIC VEHICLES
AIRCRAFT CARRIERS
AMBULANCES
AMPHIBIOUS VEHICLES
ARMED FORCES
ARMED FORCES (FOREIGN)
ARMED FORCES (UNITED STATES)
AUTOMOBILES
BOATS
MILITARY SPACECRAFT
RECOVERY VEHICLES
RESEARCH VEHICLES
SHIPS
SUBMARINES
TANKS (COMBAT VEHICLES)
TRUCKS
UNDERWATER VEHICLES
% VEHICLES
WATER VEHICLES

MILK
0402 0505 0507
RT BEVERAGES
% FOOD

MILKY WAY GALAXY
3001
GS CELESTIAL BODIES
.GALAXIES
..SPIRAL GALAXIES
..#MILKY WAY GALAXY
RT GALACTIC BULGE
ORION NEBULA
RADIO SOURCES (ASTRONOMY)
SOLAR NEIGHBORHOOD
STARS

MILLET
0409
GS FARM CROPS
.GRAINS (FOOD)
.#MILLET
PLANTS (BOTANY)
#MILLET
RT EARTH RESOURCES
FLOUR (FOOD)
% FOOD
GRASSES

MILLIMETER WAVES
0705 2402 2903
GS ELECTROMAGNETIC RADIATION
.RADIO WAVES
..SHORT WAVE RADIATION
...MICROWAVES
...#MILLIMETER WAVES
RT BEAM PLASMA AMPLIFIERS
C BAND
CN EMISSION
CYCLOTRON RESONANCE DEVICES
DECIMETER WAVES
ELECTROMAGNETIC NOISE
EXTRATERRESTRIAL RADIO WAVES
EXTREMELY HIGH FREQUENCIES
FREQUENCIES
SOLAR RADIO EMISSION
SUBMILLIMETER WAVES
WAVELENGTHS

% MILLING
1504 1704 3404
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT COMMINUTION
COMPOUNDING
MILLING (MACHINING)

MILLING (MACHINING)
1504 1704
GS CUTTING
#MILLING (MACHINING)
MACHINING
#MILLING (MACHINING)
RT CHEMICAL MACHINING
GROOVING
METAL CUTTING
MILLING MACHINES
PLANING

MILLING (MIXING)
USE COMPOUNDING

MILLING MACHINES
1504 3404
GS TOOLS
.MACHINE TOOLS
.#MILLING MACHINES
RT GRINDING MACHINES
% MACHINERY
SHAPERS

MILLIVOLTMETERS
1406 2304
GS MEASURING INSTRUMENTS
.VOLTMETERS
.#MILLIVOLTMETERS
RT GALVANOMETERS

MILLS RATIO
1902 1905
GS RATIOS
#MILLS RATIO

```
  RT   FAILURE
       FAILURE ANALYSIS
       LIFE (DURABILITY)
       MORTALITY
       PROBABILITY DENSITY FUNCTIONS
       STATISTICAL ANALYSIS

MILNE METHOD
  1902 1903 3501
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       ..APPROXIMATION
       ..#MILNE METHOD
  RT   DIFFERENTIAL EQUATIONS
     % METHODOLOGY

MILNE-THOMSON METHOD
  1202 1809 3203
  RT   INCOMPRESSIBLE FLOW
     % METHODOLOGY
       NAVIER-STOKES EQUATION
       VISCOUS FLOW

MIM (SEMICONDUCTORS)
  0906
  UF   METAL-INSULATOR-METAL
       SEMICONDUCTORS
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SEMICONDUCTOR DEVICES
       ..#MIM (SEMICONDUCTORS)
       SEMICONDUCTORS (MATERIALS)
       #MIM (SEMICONDUCTORS)
  RT   SIS (SEMICONDUCTORS)

MIM DIODES
  0906
  UF   METAL-INSULATOR-METAL DIODES
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SEMICONDUCTOR DEVICES
       ...JUNCTION DIODES
       ...#MIM DIODES
  RT   ELECTRON TUNNELING
       MSM (SEMICONDUCTORS)
       NEGATIVE RESISTANCE DEVICES
       SEMICONDUCTOR DIODES
       TUNNEL DIODES

MIMAS
  3008
  GS   CELESTIAL BODIES
       .NATURAL SATELLITES
       ..ICY SATELLITES
       ..#MIMAS
       ..SATURN SATELLITES
       ..#MIMAS
  RT   SATURN (PLANET)

MIMD (COMPUTERS)
  0800 0802 0803
  UF   MULTIPLE INSTRUCTION MULTIPLE DATA
       STREAM
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...PARALLEL COMPUTERS
       ...#MIMD (COMPUTERS)
  RT   ARCHITECTURE (COMPUTERS)
       COMPUTER DESIGN
       COMPUTER PROGRAMMING
       CONCURRENT PROCESSING
       INTERPROCESSOR COMMUNICATION
       OPERATING SYSTEMS (COMPUTERS)
       PARALLEL PROCESSING (COMPUTERS)
       SIMD (COMPUTERS)

MIMO (CONTROL SYSTEMS)
  0803 1003
  UF   MULTIPLE INPUT MULTIPLE OUTPUT
  RT % CONTROL
       CONTROL STABILITY
       CONTROL SYSTEMS DESIGN
       CONTROL THEORY
       FEEDBACK CONTROL
     % SYSTEMS
       SYSTEMS STABILITY

MINE DETECTORS
  1409 3302 3401
  GS   WARNING SYSTEMS
       #MINE DETECTORS
  RT % DETECTORS
       WARNING

MINER RULE
  USE  PALMGREN-MINER RULE

MINERAL DEPOSITS
  1305 1306 1308 1806
  RT   CONTACTS (GEOLOGY)
       DREDGING
       EARTH RESOURCES
       EXCAVATION
       GEOLOGY
       LUNAR MINING
       MINERALOGY
       MINERALS
       MINES (EXCAVATIONS)
       MINING
       RESERVES
       STRIP MINING
       UNDERWATER RESOURCES

MINERAL EXPLORATION
  1306
  GS   EXPLORATION
       #MINERAL EXPLORATION
  RT   ANTHRACITE
       EXCAVATION
       MINERALS
       MINES (EXCAVATIONS)
       MINING

MINERAL METABOLISM
  0403 0404 0408
  GS   METABOLISM
       #MINERAL METABOLISM
  RT   BODY FLUIDS
       CALORIC REQUIREMENTS
       ENDOCRINE SYSTEMS
       SECRETIONS

MINERAL OILS
  0405 1806 1808
  GS   OILS
       #MINERAL OILS
  RT   LUBRICATING OILS

MINERALOGY
  1306 1308 3009
  RT   CHONDRULE
       CRYSTALLOGRAPHY
       GEOCHEMISTRY
       GEOLOGY
       MINERAL DEPOSITS
       MINERALS
       PETROLOGY
     % PHYSICAL SCIENCES

MINERALS
  1306 1806 3009
  UF   APATITES
       ORES
  GS  #MINERALS
       .AKERMANITE
       .AMPHIBOLES
       .ANATASE
       .ARAGONITE
       .ASBESTOS
       .BARITE
       .BASTNASITE
       .BERYL
       ..ALEXANDRITE
       .BLOEDITE
```

.BRUCITE
.CALCITE
.CHROMITES
.COHENITE
.CORDIERITE
.CRYOLITE
.DAWSONITE
.DOLOMITE (MINERAL)
.EUXENITE
.FAYALITE
.FELDSPARS
.FLUORITE
.FLUORSPAR
.GARNETS
..GADOLINIUM-GALLIUM GARNET
..YTTRIUM-ALUMINUM GARNET
..YTTRIUM-IRON GARNET
.GEHLENITE
.GRAPHITE
..PYROLYTIC GRAPHITE
.GYPSUM
.HEXAHEDRITE
.ILLITE
.ILMENITE
.IRON ORES
..HEMATITE
.KAMACITE
.KAOLINITE
.KREEP
.LIMONITE
.MAGNETITE
.MERWINITE
.MICA
..BIOTITE
..FLUOROPHLOGOPITE
..MUSCOVITE
.MONTICELLITE
.MONTMORILLONITE
.NEPHELINE
.NEPHELITE
.OLIVINE
..FORSTERITE
.PEROVSKITES
.PROUSTITE
.PYRITES
.PYROPHYLLITE
.PYROXENES
..ENSTATITE
.PYRRHOTITE
..TROILITE
.QUARTZ
..COESITE
..STISHOVITE
.SCHEELITE
.SCHREIBERSITE
.SERPENTINE
.SIDERITES
.SPINEL
.SPODUMENE
.TALC
.TOURMALINE
.VERMICULITE
.WURTZITE
.ZINCBLENDE
RT ALUMINUM SILICATES
ANDESITE
BAUXITE
BENEFICIATION
BIOGEOCHEMISTRY
BONE MINERAL CONTENT
BOREHOLES
CALCIUM SILICATES
CRYSTALLITES
DIORITE
DUNITE
EARTH RESOURCES
FELSITE
FLUOROSILICATES
GEOLOGY
IGNEOUS ROCKS
IMPACT MELTS
LAVA
LIMESTONE
LUNAR SOIL
MINERAL DEPOSITS
MINERAL EXPLORATION
MINERALOGY
MONAZITE SANDS
MULLITES
% NUTRIENTS
OBSIDIAN
POTASSIUM SILICATES
ROCKS
RUTILE
SHALES
SILICATES
SODIUM SILICATES
SOILS
UNDERGROUND ACOUSTICS
ZEOLITES

% MINES
1306 1806 3401
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT MINES (EXCAVATIONS)
MINES (ORDNANCE)

MINES (EXCAVATIONS)
1306
UF QUARRIES
RT CORE SAMPLING
DRAINAGE
EXPLOITATION
EXPLORATION
LUNAR MINING
MATERIALS HANDLING
MINERAL DEPOSITS
MINERAL EXPLORATION
% MINES
MINING
PITS (EXCAVATIONS)
RESERVES
STRATIGRAPHY
STRIP MINING
SUBSIDENCE
UNDERGROUND EXPLOSIONS
UNDERGROUND STORAGE
UNDERGROUND STRUCTURES
WASTE DISPOSAL

MINES (ORDNANCE)
3302 3401
GS WEAPONS
#MINES (ORDNANCE)
RT AMMUNITION
% MINES

MINIATURE ELECTRONIC EQUIPMENT
0903 0905 1002
GS ELECTRONIC EQUIPMENT
#MINIATURE ELECTRONIC EQUIPMENT
RT CIRCUITS
% ELECTRIC EQUIPMENT
ELECTRONIC MODULES
% EQUIPMENT
MICROMINIATURIZATION
MICROMINIATURIZED ELECTRONIC DEVICES
MICROMODULES
MINIATURIZATION
MOLECULAR ELECTRONICS
PRINTED CIRCUITS
SOLID STATE DEVICES
SUBMINIATURIZATION
THIN FILMS

MINIATURIZATION
0902 1002
GS #MINIATURIZATION
.MICROMINIATURIZATION
.SUBMINIATURIZATION
RT CIRCUITS
MINIATURE ELECTRONIC EQUIPMENT

PRINTED CIRCUITS
PRINTED RESISTORS
TRANSISTORS
WAFERS

MINICOMPUTERS
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#MINICOMPUTERS
....NOVA COMPUTERS
RT AIRBORNE/SPACEBORNE COMPUTERS
ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS
MICROCOMPUTERS

MINIMA
1902
GS ANALYSIS (MATHEMATICS)
.REAL VARIABLES
..EXTREMUM VALUES
..#MINIMA
RT CUSPS (MATHEMATICS)
DIFFERENTIAL CALCULUS
MAXIMA
OPERATIONS RESEARCH
OPTIMIZATION
PENALTY FUNCTION
RANGE (EXTREMES)
STEEPEST DESCENT METHOD

MINIMAL SURFACES
2601
RT BOUNDARY VALUE PROBLEMS
CONFORMAL MAPPING
FINITE ELEMENT METHOD
% SURFACES

MINIMAX TECHNIQUE
1902 3406
RT APPROXIMATION
CURVE FITTING
GAME THEORY
OPERATIONS RESEARCH
RESEARCH
SADDLE POINTS

MINIMIZATION
USE OPTIMIZATION

MINIMUM DRAG
0101 0201 1202 1203
GS DYNAMIC CHARACTERISTICS
.DRAG
.#MINIMUM DRAG
RT AIRCRAFT PERFORMANCE
FRICTION DRAG

MINIMUM ENTROPY METHOD
1902
GS ENTROPY (STATISTICS)
#MINIMUM ENTROPY METHOD
RT % METHODOLOGY

MINIMUM VARIANCE ORBIT DETERMINATION
0802 1902 3006
UF MINIVAR ORBIT DETERMINATION
GS CLASSICAL MECHANICS
.SPACE MECHANICS
..ORBITAL MECHANICS
..#MINIMUM VARIANCE ORBIT DETERMINATION
COMPUTATION
.ORBIT CALCULATION
.#MINIMUM VARIANCE ORBIT DETERMINATION
RT STATISTICAL ANALYSIS

MINING
1806 3404
GS #MINING
.LUNAR MINING
.STRIP MINING
RT ANTHRACITE
CLAYS
DREDGING
ENERGY POLICY
EXCAVATION
EXPLOITATION
MINERAL DEPOSITS
MINERAL EXPLORATION
MINES (EXCAVATIONS)
UNDERGROUND STRUCTURES

MINITRACK OPTICAL TRACKING SYSTEM
USE MINITRACK SYSTEM

MINITRACK SYSTEM
0705 0709 1109
UF MINITRACK OPTICAL TRACKING SYSTEM
MOTS (TRACKING SYSTEM)
RT GLOBAL TRACKING NETWORK
OPTICAL TRACKING
SATELLITE TRACKING
SPACE DETECTION AND TRACKING SYSTEM
SPACE SURVEILLANCE (GROUND BASED)
SPACECRAFT TRACKING
STDN (NETWORK)
% SYSTEMS
TRACKING NETWORKS
TRACKING STATIONS
% TRACKS

MINIVAR ORBIT DETERMINATION
USE MINIMUM VARIANCE ORBIT DETERMINATION

MINKOWSKI SPACE
1902
RT FEYNMAN DIAGRAMS
LIGHT-CONE EXPANSION
PROBABILITY THEORY
SPACE-TIME FUNCTIONS

MINNESOTA
1305
GS NATIONS
.UNITED STATES
.#MINNESOTA

MINOR CIRCLE TURNING FLIGHT
2102 3009
GS TURNING FLIGHT
#MINOR CIRCLE TURNING FLIGHT
RT AIRCRAFT CONTROL
MANEUVERS

MINOR PLANET 1221
USE AMOR ASTEROID

MINOR PLANET 2060
USE CHIRON

MINOR PLANETS
USE ASTEROIDS

MINORITIES
3402 3403
RT AMERICAN INDIANS
ANTHROPOLOGY
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
NATIONS
RACES (ANTHROPOLOGY)
SOCIOLOGY
VOTING

MINORITY CARRIERS
1002 2302 2602
GS CHARGE CARRIERS
#MINORITY CARRIERS
RT ADDITIVES
BIPOLAR TRANSISTORS
CARRIER INJECTION

```
      CARRIER LIFETIME
      DIFFUSION LENGTH
      ELECTRON MOBILITY
      ELECTRONS
      HOLES (ELECTRON DEFICIENCIES)
      SEMICONDUCTORS (MATERIALS)

MINOS COMPUTER
  0801
  GS  DATA PROCESSING EQUIPMENT
      .COMPUTERS
      .#MINOS COMPUTER

MINUTEMAN ICBM
  3101 3401
  UF  MINUTEMAN MISSILES
  GS  MISSILES
      .BALLISTIC MISSILES
      ..INTERCONTINENTAL BALLISTIC
        MISSILES
      ..#MINUTEMAN ICBM
      .SURFACE TO SURFACE MISSILES
      ..INTERCONTINENTAL BALLISTIC
        MISSILES
      ..#MINUTEMAN ICBM
  RT  M-55 ENGINE
      M-56 ENGINE
      M-57 ENGINE
      MULTISTAGE ROCKET VEHICLES
      SOLID PROPELLANT ROCKET ENGINES
      SPACE WEAPONS

MINUTEMAN MISSILES
  USE MINUTEMAN ICBM

MIOSIS
  0404 0406
  RT  EYE (ANATOMY)
      OPHTHALMOLOGY
      TETRAD THEORY
      VISION

MIR SPACE STATION
  3009 3109 3409
  GS  ARTIFICIAL SATELLITES
      .SPACE STATIONS
      .#MIR SPACE STATION
      MANNED SPACECRAFT
      #MIR SPACE STATION
      SOVIET SPACECRAFT
      #MIR SPACE STATION
      STATIONS
      .SPACE STATIONS
      .#MIR SPACE STATION
  RT  SPACE BASES
      SPACE LABORATORIES
      SPACECRAFT DOCKING
      U.S.S.R. SPACE PROGRAM

MIRA CETI STAR
  USE OMICRON CETI STAR

MIRA VARIABLES
  2306 3001 3006
  UF  LONG PERIOD VARIABLES
  GS  CELESTIAL BODIES
      .STARS
      ..LATE STARS
      ...COOL STARS
      ...#MIRA VARIABLES
      .....OMICRON CETI STAR
      ..VARIABLE STARS
      ..#MIRA VARIABLES
      ....OMICRON CETI STAR
  RT  ASYMPTOTIC GIANT BRANCH STARS
      CARBON STARS
      M STARS
      RED GIANT STARS
      S STARS
      STELLAR OSCILLATIONS
      SUPERGIANT STARS

MIRAGE AIRCRAFT
  0207
  GS  ATTACK AIRCRAFT
      .FIGHTER AIRCRAFT
      .#MIRAGE AIRCRAFT
      ...MIRAGE 3 AIRCRAFT
      DASSAULT AIRCRAFT
      #MIRAGE AIRCRAFT
      ..MIRAGE 3 AIRCRAFT
      JET AIRCRAFT
      #MIRAGE AIRCRAFT
      ..MIRAGE 3 AIRCRAFT
      MONOPLANES
      #MIRAGE AIRCRAFT
      ..MIRAGE 3 AIRCRAFT
      OBSERVATION AIRCRAFT
      #MIRAGE AIRCRAFT
      ..MIRAGE 3 AIRCRAFT
      RECONNAISSANCE AIRCRAFT
      #MIRAGE AIRCRAFT
      ..MIRAGE 3 AIRCRAFT
      SINGLE ENGINE AIRCRAFT
      #MIRAGE AIRCRAFT
      ..MIRAGE 3 AIRCRAFT
      SUPERSONIC AIRCRAFT
      #MIRAGE AIRCRAFT
      ..MIRAGE 3 AIRCRAFT

MIRAGE 3 AIRCRAFT
  0207
  UF  DASSAULT MIRAGE 3 AIRCRAFT
  GS  ATTACK AIRCRAFT
      .FIGHTER AIRCRAFT
      ..MIRAGE AIRCRAFT
      ..#MIRAGE 3 AIRCRAFT
      DASSAULT AIRCRAFT
      .MIRAGE AIRCRAFT
      .#MIRAGE 3 AIRCRAFT
      JET AIRCRAFT
      .MIRAGE AIRCRAFT
      .#MIRAGE 3 AIRCRAFT
      MONOPLANES
      .MIRAGE AIRCRAFT
      .#MIRAGE 3 AIRCRAFT
      OBSERVATION AIRCRAFT
      .MIRAGE AIRCRAFT
      .#MIRAGE 3 AIRCRAFT
      RECONNAISSANCE AIRCRAFT
      .MIRAGE AIRCRAFT
      .#MIRAGE 3 AIRCRAFT
      SINGLE ENGINE AIRCRAFT
      .MIRAGE AIRCRAFT
      .#MIRAGE 3 AIRCRAFT
      SUPERSONIC AIRCRAFT
      .MIRAGE AIRCRAFT
      .#MIRAGE 3 AIRCRAFT
      TAILLESS AIRCRAFT
      #MIRAGE 3 AIRCRAFT

MIRANDA
  1901 3001 3007 3008
  GS  CELESTIAL BODIES
      .NATURAL SATELLITES
      ..URANUS SATELLITES
      ..#MIRANDA
  RT  URANUS (PLANET)

MIRANDA SATELLITE
  3107
  GS  ARTIFICIAL SATELLITES
      .SYNCHRONOUS SATELLITES
      .#MIRANDA SATELLITE
  RT  ATTITUDE CONTROL

MIROS SYSTEM
  2306 2310
  UF  MODULATING RETRODIRECTIVE OPTICS
  GS  MODULATION
      .LIGHT MODULATION
      .#MIROS SYSTEM
  RT  OPTICAL MEASURING INSTRUMENTS
    % SYSTEMS
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```
MIRROR FUSION
  2307
  RT    FUSION REACTORS
        MAGNETIC MIRRORS
        NUCLEAR FUSION
        PLASMA CONTROL
        TANDEM MIRRORS
        THERMAL BARRIERS (PLASMA CONTROL)

MIRROR POINT
  1409 2310 2402
  RT    MAGNETIC MIRRORS
        RADIATION BELTS

MIRRORS
  1412 2306 2310 2903
  GS   #MIRRORS
        .CELESCOPES
        .ETALONS
        .FRESNEL REFLECTORS
        .MAGNETIC MIRRORS
        ..TANDEM MIRRORS
        .PARABOLOID MIRRORS
        .ROTATING MIRRORS
        .SOLETTAS
  RT    CASSEGRAIN OPTICS
        CIRCUMSOLAR TELESCOPES
        COLLIMATORS
        HELIOSTATS
        OPTICAL EQUIPMENT
        OPTICAL MATERIALS
        OPTICAL RESONATORS
      % OPTICS
        REFLECTING TELESCOPES
        REFLECTORS
        SOLAR COLLECTORS
        SOLAR REFLECTORS
        SPECULAR REFLECTION
        TELESCOPES
        X RAY OPTICS

MIS (SEMICONDUCTORS)
  0603 1704 1804 2602
  UF    METAL INSULATOR SEMICONDUCTORS
  GS    ELECTRONIC EQUIPMENT
        .SOLID STATE DEVICES
        ..SEMICONDUCTOR DEVICES
        ..#MIS (SEMICONDUCTORS)
        SEMICONDUCTORS (MATERIALS)
        #MIS (SEMICONDUCTORS)
  RT    SIS (SEMICONDUCTORS)

MISALIGNMENT
  3408
  SN    (EXCLUDES PSYCHOLOGICAL
        DISORIENTATION)
  UF    MISORIENTATION
  RT    ATTITUDE (INCLINATION)
        DISORIENTATION
        POSITION (LOCATION)

MISCIBILITY
  USE   SOLUBILITY

MISCIBILITY GAP
  0601 0603
  RT    PHASE SEPARATION (MATERIALS)
        SOLUBILITY
        SPACE PROCESSING
        TEMPERATURE DEPENDENCE

MISFETS
  USE   FIELD EFFECT TRANSISTORS

MISMATCH (ELECTRICAL)
  0702
  RT    ELECTRICAL MEASUREMENT
        IMPEDANCE MEASUREMENT
        MATCHING

MISORIENTATION
  USE   MISALIGNMENT

MISS DISTANCE
  2101 2102 3401
  GS    DISTANCE
        #MISS DISTANCE
  RT    ACCURACY
        AIR TO SURFACE MISSILES

MISSILE ANTENNAS
  0701 0702 0901 3101
  GS    ANTENNAS
        #MISSILE ANTENNAS
        MISSILE COMPONENTS
        #MISSILE ANTENNAS
  RT    AIRCRAFT ANTENNAS
        DIRECTIONAL ANTENNAS
        MICROWAVE ANTENNAS

MISSILE BODIES
  0101 0201 2806 3101
  UF    MISSILE CASES
  GS    MISSILE COMPONENTS
        #MISSILE BODIES
  RT    AIRFRAMES
        AXISYMMETRIC BODIES
        BLUNT BODIES
      % BODIES
        CASES (CONTAINERS)
        FINNED BODIES
        ROCKET ENGINE CASES
        SLENDER BODIES
        STREAMLINED BODIES

MISSILE CASES
  USE   MISSILE BODIES

MISSILE COMPONENTS
  0101 2806 3101
  GS   #MISSILE COMPONENTS
        .MISSILE ANTENNAS
        .MISSILE BODIES
  RT  % COMPONENTS
        ENGINES
        FINS
        NOSE CONES
        WARHEADS
        WINGS

MISSILE CONFIGURATIONS
  0101 3101
  GS   #MISSILE CONFIGURATIONS
        .SANDPIPER TARGET MISSILE
  RT    AERODYNAMIC CONFIGURATIONS
        AIRCRAFT CONFIGURATIONS
      % CONFIGURATIONS
        HAMMERHEAD CONFIGURATION
        LAUNCH VEHICLE CONFIGURATIONS
        MISSILES
        MULTIENGINE VEHICLES
        PATRIOT MISSILE
        PROPULSION SYSTEM CONFIGURATIONS
        ROCKET ENGINES
        ROCKET VEHICLES

MISSILE CONSTRUCTION
  USE   MISSILE STRUCTURES

MISSILE CONTROL
  0101 2102 3101
  UF    MISSILE GUIDANCE
        MISSILE STABILIZATION
  RT    ACTUATORS
        ANALOG COMPUTERS
        ATTITUDE CONTROL
        AUTOMATIC CONTROL
        AUTOMATIC FLIGHT CONTROL
        BEAM RIDER GUIDANCE
      % CONTROL
        DIRECTIONAL CONTROL
        FLIGHT CONTROL
        GROUND BASED CONTROL
        HOMING
        LASER GUIDANCE
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      LATERAL CONTROL
      LONGITUDINAL CONTROL
      MISSILES
      RADAR HOMING MISSILES
      RADIO CONTROL
      REMOTE CONTROL
      ROCKET ENGINE CONTROL
      SPACECRAFT CONTROL
      STAR TRACKERS
      THRUST VECTOR CONTROL
      VISUAL CONTROL

MISSILE DEFENSE
  3101 3401
  SN  (SYSTEMS DESIGNED TO PROTECT
      MISSILES AGAINST ATTACK)
  RT  ANTIMISSILE DEFENSE
      ANTIMISSILE MISSILES
      ANTIRADIATION MISSILES
      BALLISTIC MISSILE DECOYS
    % DEFENSE
      DEFENSE INDUSTRY
      DEFENSE PROGRAM
      HARDENING (SYSTEMS)
      MILITARY TECHNOLOGY
      MISSILES
      OPTICAL COUNTERMEASURES
      REENTRY DECOYS
      SAFEGUARD SYSTEM
      WEAPONS DELIVERY

MISSILE DESIGN
  0201 3101 3404
  RT  AEROSPACE ENGINEERING
      AIRCRAFT DESIGN
      COMPUTER AIDED DESIGN
    % DESIGN
    % DEVELOPMENT
      ENGINE DESIGN
      FLIGHT TESTS
      FUNCTIONAL DESIGN SPECIFICATIONS
      MAGNUS EFFECT
      RELIABILITY
      STRUCTURAL DESIGN
      SYSTEMS ENGINEERING

MISSILE DETECTION
  0705 0709 3101 3401
  GS  DETECTION
      #MISSILE DETECTION
      ..RADAR DETECTION
  RT  EARLY WARNING SYSTEMS
      ELECTRONIC WARFARE
      IDENTIFYING
      TARGET ACQUISITION
      TARGET RECOGNITION

MISSILE ENGINE CASES
  USE ROCKET ENGINE CASES

MISSILE GUIDANCE
  USE MISSILE CONTROL

MISSILE LAUNCHERS
  1104 3101 3102 3103
  GS  LAUNCHERS
      #MISSILE LAUNCHERS
      ..MOBILE MISSILE LAUNCHERS
  RT  BALLISTIC MISSILE SUBMARINES
      CATAPULTS
      GROUND SUPPORT EQUIPMENT
      GUN LAUNCHERS
      LAUNCH VEHICLES
      LAUNCHING
      LAUNCHING SITES
      MISSILES
      ROCKET LAUNCHERS
      SEA LAUNCHING
      WEAPON SYSTEMS

MISSILE RANGES
  1108 3101
  SN  (EXCLUDES DISTANCE OF MISSILE
      TRAVEL)
  GS  RANGES (FACILITIES)
      .TEST RANGES
      .#MISSILE RANGES
      TEST FACILITIES
      .TEST RANGES
      .#MISSILE RANGES
  RT  BALLISTIC RANGES
      DOWNRANGE
      HYPERSONIC TEST APPARATUS
      MISSILES
      RANGE SAFETY
      REENTRY RANGE

MISSILE SIGNATURES
  0705 0709 3101 3401
  GS  SIGNATURES
      #MISSILE SIGNATURES
  RT  DETECTION
      SIGNATURE ANALYSIS
      TARGET RECOGNITION

MISSILE SILOS
  1102 1103 3401
  UF  SILOS (MISSILE STORAGE)
  RT  BUILDINGS
      LAUNCHING SITES
      MX MISSILE
    % STORAGE

% MISSILE SIMULATORS
  1107 1110 3101
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  COMPUTERIZED SIMULATION
      FLIGHT SIMULATORS
      MATHEMATICAL MODELS
      MISSILES
      SIMULATORS
      TRAINING SIMULATORS
      WIND TUNNEL MODELS

MISSILE STABILIZATION
  USE MISSILE CONTROL
      STABILIZATION

MISSILE STORAGE
  1102 1103 3101
  RT  GROUND SUPPORT EQUIPMENT
      MOBILE MISSILE LAUNCHERS
      PROPELLANT STORAGE
    % STORAGE
      UNDERGROUND STORAGE

MISSILE STRUCTURES
  0102 3101 3106
  UF  MISSILE CONSTRUCTION
  RT  AIRFRAMES
    % STRUCTURES
      TAIL ASSEMBLIES

MISSILE SYSTEMS
  0201 3101 3401
  GS  WEAPON SYSTEMS
      #MISSILE SYSTEMS
      ..NIKE X SYSTEMS
      ..SAFEGUARD SYSTEM
  RT  AEROSPACE SYSTEMS
      BEAM RIDER GUIDANCE
      MOBILE MISSILE LAUNCHERS
      RADAR HOMING MISSILES
    % SYSTEMS

MISSILE TESTS
  1108 3101
  RT  CAPTIVE TESTS
      ENGINE TESTS
      FLIGHT TESTS
      FUEL TESTS
      GROUND TESTS
      MISSILES
```

PRELAUNCH TESTS
PROPELLANT TESTS
STABILITY TESTS
STATIC TESTS
TEST FIRING
TEST VEHICLES
% TESTS
WIND TUNNEL STABILITY TESTS

MISSILE TRACKING
0709 1109 3101
GS TRACKING (POSITION)
#MISSILE TRACKING
RT INFRARED TRACKING
LASER TARGET DESIGNATORS
POLYSTATION DOPPLER TRACKING SYSTEM
RANGE AND RANGE RATE TRACKING
SPACE DETECTION AND TRACKING SYSTEM
SPACECRAFT TRACKING
TRACKING NETWORKS
TRACKING STATIONS

MISSILE TRAJECTORIES
2102 3006 3101
GS TRAJECTORIES
#MISSILE TRAJECTORIES
RT ASCENT TRAJECTORIES
BALLISTIC TRAJECTORIES
COBRA DANE (RADAR)
DESCENT TRAJECTORIES
FLIGHT MECHANICS
FLIGHT PATHS
IMPACT PREDICTION
PARABOLIC FLIGHT
REENTRY TRAJECTORIES
SPINNING UNGUIDED ROCKET TRAJECTORY
UNDERWATER TRAJECTORIES

MISSILE VIBRATION
0201 2308 3101
GS VIBRATION
.STRUCTURAL VIBRATION
.#MISSILE VIBRATION
RT BENDING VIBRATION
BREATHING VIBRATION
FLUTTER
LINEAR VIBRATION
RANDOM VIBRATION
SELF INDUCED VIBRATION
SUPERSONIC FLUTTER
TORSIONAL VIBRATION
TRANSONIC FLUTTER

MISSILES
3101 3106 3401
GS #MISSILES
.AIR SLEW MISSILES
.AIR TO AIR MISSILES
..FALCON MISSILE
..MATRA MISSILE
..SIDEWINDER MISSILES
..SPARROW MISSILES
...SPARROW 2 MISSILE
...SPARROW 3 MISSILE
.AIR TO SURFACE MISSILES
..BULLPUP MISSILES
..CONDOR MISSILE
..HARPOON MISSILE
..HOUND DOG MISSILE
..MAVERICK MISSILES
..QUAIL MISSILE
..SHRIKE MISSILE
.ANTELOPE MISSILE
.ANTIAIRCRAFT MISSILES
..BOMARC MISSILES
..FALCON MISSILE
..MAULER MISSILE
..NIKE-AJAX MISSILE
..NIKE-HERCULES MISSILE
..REDEYE MISSILE
..SIAM MISSILES
..SIDEWINDER MISSILES
..TARTAR MISSILE
..TERRIER MISSILE
.ANTIMISSILE MISSILES
..MAULER MISSILE
..NIKE-ZEUS MISSILE
..SPARTAN MISSILE
..SPRINT MISSILE
.ANTIRADIATION MISSILES
.ANTISHIP MISSILES
.BALLISTIC MISSILES
..FIELD ARMY BALLISTIC MISSILES
...SUBROC MISSILE
..INTERCONTINENTAL BALLISTIC MISSILES
...ATLAS ICBM
....ATLAS D ICBM
....ATLAS E ICBM
....ATLAS F ICBM
...MINUTEMAN ICBM
...TITAN ICBM
....TITAN 1 ICBM
....TITAN 2 ICBM
..INTERMEDIATE RANGE BALLISTIC MISSILES
...BLUE STREAK MISSILE
...JUPITER MISSILE
...POLARIS MISSILES
....POLARIS A1 MISSILE
....POLARIS A2 MISSILE
....POLARIS A3 MISSILE
..PERSHING MISSILE
..POSEIDON MISSILES
..SHORT RANGE BALLISTIC MISSILES
..SKYBOLT MISSILE
..V-2 MISSILE
.BLUE STEEL MISSILE
.BUMBLEBEE PROJECT
.CORVUS MISSILE
.OSPREY MISSILE
.PRECISION GUIDED PROJECTILES
.RADAR HOMING MISSILES
.RAMJET MISSILES
..NAVAHO MISSILE
..SUPERSONIC LOW ALTITUDE MISSILE
.SANDPIPER TARGET MISSILE
.SS-11 MISSILE
.SURFACE TO AIR MISSILES
..BLUE GOOSE MISSILE
..BOMARC MISSILES
...BOMARC A MISSILE
...BOMARC B MISSILE
..CHAPARRAL MISSILE
..HAWK MISSILE
..MAULER MISSILE
..NIKE MISSILES
...NIKE-AJAX MISSILE
...NIKE-HERCULES MISSILE
...NIKE-ZEUS MISSILE
..PATRIOT MISSILE
..REDEYE MISSILE
..SPRINT MISSILE
..TALOS MISSILE
..TARTAR MISSILE
..TERRIER MISSILE
.SURFACE TO SURFACE MISSILES
..ANTITANK MISSILES
...SHILLELAGH MISSILES
...TOW MISSILES
..CORPORAL MISSILE
..CRUISE MISSILES
...NAVAHO MISSILE
...TOMAHAWK MISSILES
..FLEET BALLISTIC MISSILES
...POLARIS A1 MISSILE
...POLARIS A2 MISSILE
...POLARIS A3 MISSILE
...POSEIDON MISSILES
...SUBROC MISSILE
..INTERCONTINENTAL BALLISTIC MISSILES
...ATLAS ICBM
....ATLAS D ICBM
....ATLAS E ICBM

....ATLAS F ICBM
...MINUTEMAN ICBM
...MX MISSILE
...TITAN ICBM
....TITAN 1 ICBM
....TITAN 2 ICBM
..INTERMEDIATE RANGE BALLISTIC MISSILES
...BLUE STREAK MISSILE
...JUPITER MISSILE
...POLARIS MISSILES
....POLARIS A1 MISSILE
....POLARIS A2 MISSILE
....POLARIS A3 MISSILE
..LANCE MISSILE
..MACE MISSILES
..PERSHING MISSILE
..REGULUS MISSILE
..SERGEANT MISSILES
..SHORT RANGE BALLISTIC MISSILES
..SUPERSONIC LOW ALTITUDE MISSILE
..V-1 MISSILE
.UNDERWATER TO SURFACE MISSILES
..SUBROC MISSILE
RT AMMUNITION
ANTIMISSILE DEFENSE
ANTISHIP WARFARE
ARTILLERY
ASCENT PROPULSION SYSTEMS
AUXILIARY PROPULSION
BOMBS (ORDNANCE)
ELECTROMAGNETIC MISSILES
FLIGHT TEST VEHICLES
% FLIGHT VEHICLES
GROUND SUPPORT EQUIPMENT
GUIDANCE (MOTION)
HOMING DEVICES
HYPERSONIC FLIGHT
INCENDIARY AMMUNITION
LAUNCH VEHICLES
LAUNCHING SITES
MISSILE CONFIGURATIONS
MISSILE CONTROL
MISSILE DEFENSE
MISSILE LAUNCHERS
MISSILE RANGES
% MISSILE SIMULATORS
MISSILE TESTS
MULTIENGINE VEHICLES
NIKE X SYSTEMS
NUCLEAR WEAPONS
PLASMA SHEATHS
PROPULSION
REENTRY
REENTRY VEHICLES
ROCKET CATAPULTS
ROCKET ENGINES
ROCKET PROPELLANTS
% ROCKETS
% SCRAM
SPACECRAFT LAUNCHING
SPIN STABILIZATION
STAGE SEPARATION
SUPERSONIC COMBUSTION RAMJET ENGINES
SUPERSONIC FLIGHT
TERMINAL BALLISTICS
TEST VEHICLES
TORPEDOES
TRAJECTORIES
TRANSPORTATION
% VEHICLES
WARHEADS
WEAPON SYSTEMS
WEAPONS
% WINGED VEHICLES

MISSING MASS (ASTROPHYSICS)
3001 3002 3003
GS COSMOLOGY
#MISSING MASS (ASTROPHYSICS)
MASS
#MISSING MASS (ASTROPHYSICS)
RT ASTRONOMY
ASTROPHYSICS
DARK MATTER
DYNAMIC STABILITY
GALACTIC CLUSTERS
GALACTIC HALOS
GALACTIC STRUCTURE
MASS DISTRIBUTION
MASS TO LIGHT RATIOS
VIRIAL THEOREM

MISSION ADAPTIVE WINGS
0104
GS AIRFOILS
.WINGS
.#MISSION ADAPTIVE WINGS
RT ADAPTIVE CONTROL
F-111 AIRCRAFT
GUST ALLEVIATORS
VARIABLE GEOMETRY STRUCTURES
VARIABLE SWEEP WINGS
WING CAMBER
WING PROFILES

MISSION PLANNING
3401 3406 3409 4001
GS PLANNING
#MISSION PLANNING
RT BUDGETING
COMMERCE LAB
CRITICAL PATH METHOD
ESTIMATING
FORECASTING
MANAGEMENT
MANAGEMENT PLANNING
% MISSIONS
% OPERATIONS
OPERATIONS RESEARCH
PAYLOAD INTEGRATION
% PLANS
PREDICTIONS
PRELAUNCH SUMMARIES
PROGRAMS
PROJECT MANAGEMENT
SCHEDULING
ULYSSES MISSION

% MISSIONS
3004 3007 3104
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ABORTED MISSIONS
ASTEROID MISSIONS
ASTRO MISSIONS (STS)
CASSINI MISSION
CLUSTER MISSION
COMET RENDEZVOUS ASTEROID FLYBY MISSION
EARTH-VENUS TRAJECTORIES
EXPEDITIONS
FLYBY MISSIONS
GALILEO SPACECRAFT
GRAND TOURS
HEAT CAPACITY MAPPING MISSION
LANDSAT FOLLOW-ON MISSIONS
LONG DURATION SPACE FLIGHT
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
MISSION PLANNING
PLANNING
PROGRAMS
PROJECT PLANNING
PROJECTS
SOHO MISSION
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
SPACE FLIGHT
SPACE MISSIONS
SPACE SHUTTLE MISSIONS
TARGETS
ULYSSES MISSION

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      VOYAGER 1977 MISSION

MISSISSIPPI
  1305
  GS   NATIONS
       .UNITED STATES
       .#MISSISSIPPI
  RT   GULF OF MEXICO

MISSISSIPPI DELTA (LA)
  1305
  GS   LANDFORMS
       .DELTAS
       .#MISSISSIPPI DELTA (LA)
  RT   LOUISIANA
       RIVERS

MISSISSIPPI RIVER (US)
  1305
  GS   RIVERS
       #MISSISSIPPI RIVER (US)
  RT   DRAINAGE PATTERNS
       EARTH RESOURCES
       FLOODS
       RESOURCES
       RIVER BASINS

MISSOURI
  1305
  GS   NATIONS
       .UNITED STATES
       .#MISSOURI
  RT   MISSOURI RIVER (US)
       ST LOUIS-KANSAS CITY CORRIDOR (MO)

MISSOURI RIVER (US)
  1305
  GS   RIVERS
       #MISSOURI RIVER (US)
  RT   IOWA
       KANSAS
       MISSOURI
       MONTANA
       NEBRASKA
       NORTH DAKOTA
       RIVER BASINS
       SOUTH DAKOTA
       UNITED STATES
       VALLEYS

MISSOURI RIVER BASIN (US)
  1307
  GS   LANDFORMS
       .STRUCTURAL BASINS
       ..RIVER BASINS
       ..#MISSOURI RIVER BASIN (US)
  RT   RIVERS
       WATERSHEDS

MIST
  1301 2001
  SN   (ATMOSPHERIC WATER)
  GS   PARTICLES
       #MIST
  RT   AEROSOLS
       DISPERSIONS
       FOG
       FOG DISPERSAL
       HAZE
       HAZE DETECTION
       PRECIPITATION (METEOROLOGY)

MISTUNING (TURBOMACHINERY)
  0102 1504 0104
  RT   ROTATING DISKS
     % ROTOR BLADES
       ROTOR BLADES (TURBOMACHINERY)
       ROTORS
       TUNING
       TURBOMACHINE BLADES
       VIBRATION

MITOCHONDRIA
  0403 0406
  GS   ORGANELLES
       #MITOCHONDRIA
  RT   CELLS (BIOLOGY)
       CYTOLOGY

MITOSIS
  0404 0406
  GS   CYTOGENESIS
       #MITOSIS
  RT   CELL DIVISION
       CELLS (BIOLOGY)
       CHROMOSOMES
       CYTOLOGY
       CYTOPLASM
       MUTATIONS
       PHYSIOLOGY
       REPRODUCTION (BIOLOGY)

MITRA
  0402 0404 0409
  RT   FUNGI
       PLANTS (BOTANY)

MIUS
  USE  MODULAR INTEGRATED UTILITY SYSTEM

MIXED CRYSTALS
  1704 2601 2603
  GS   CRYSTALS
       #MIXED CRYSTALS
  RT   POWDER METALLURGY
       SINTERING

MIXED FLOW
  USE  MULTIPHASE FLOW

MIXED OXIDES
  2202
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ..#MIXED OXIDES
       ....BSCCO SUPERCONDUCTORS
       ....YBCO SUPERCONDUCTORS
  RT   HIGH TEMPERATURE SUPERCONDUCTORS
       NUCLEAR FUELS
       PLUTONIUM OXIDES
       STRONTIUM OXIDES
       URANIUM OXIDES

MIXERS
  0602 1202 1504 3404
  SN   (EXCLUDES MIXING CIRCUITS)
  RT   ADMIXTURES
       AERATION
       AEROSOLS
       AGITATION
       BAFFLES
       BLOWERS
       CARBURETORS
       COALESCING
       CONTACTORS
     % DIFFUSERS
     % DISPERSION
       FEEDERS
       GRINDING MILLS
       MIXING
       MIXTURES
       PADDLES
       PLOWS
       PLUNGERS
       SEPARATORS
       SHAKERS
       SPRAYERS
       STIRRING
       TUMBLING MOTION

MIXING
  0602 0603 1202 1504 3404
  GS  #MIXING
       .COLLOIDING
```

.COMPOUNDING
.DISSOLVING
.HOMOGENIZING
.LAMINAR MIXING
.PREMIXING
.SIGNAL MIXING
.SUSPENDING (MIXING)
.TURBULENT MIXING
RT AERATION
AGITATION
BLOWING
CHOKES
DIFFUSION
DILUTION
GRINDING (COMMINUTION)
JET MIXING FLOW
LIQUID INJECTION
METAL POWDER
MIXERS
MIXING LAYERS (FLUIDS)
MIXING RATIOS
MIXTURES
PREMIXED FLAMES
% SEPARATION
SHAKING
SPRAYING
SWIRLING
TANGLING
TRAPPED VORTICES
TURBULENCE
VORTICES

MIXING CIRCUITS
1001
GS CIRCUITS
#MIXING CIRCUITS
RT FREQUENCY CONVERTERS
FREQUENCY SYNTHESIZERS
HETERODYNING
PREAMPLIFIERS

MIXING DEPTH
USE MIXING HEIGHT

MIXING HEIGHT
1301
UF MIXING DEPTH
RT AIR POLLUTION
ATMOSPHERIC CIRCULATION
CONVECTION
CONVECTION CURRENTS
VERTICAL AIR CURRENTS
WIND (METEOROLOGY)
ZONAL FLOW (METEOROLOGY)

MIXING LAYERS (FLUIDS)
1202
RT ADVECTION
ATMOSPHERIC BOUNDARY LAYER
ATMOSPHERIC STRATIFICATION
BOUNDARY LAYERS
CONVECTION
EKMAN LAYER
JET MIXING FLOW
LAMINAR MIXING
% LAYERS
MIXING
MIXING LENGTH FLOW THEORY
SHEAR LAYERS
TURBULENT BOUNDARY LAYER
TURBULENT MIXING
TWO FLUID MODELS

MIXING LENGTH FLOW THEORY
1202 1203
GS FLOW THEORY
#MIXING LENGTH FLOW THEORY
KINETIC THEORY
.TRANSPORT THEORY
.#MIXING LENGTH FLOW THEORY
RT MIXING LAYERS (FLUIDS)
SHEAR FLOW
% THEORIES
TURBULENCE MODELS
TURBULENT FLOW
TURBULENT MIXING
VORTICITY TRANSPORT HYPOTHESIS

MIXING RATIOS
1202 1203 2003
GS RATIOS
.DIMENSIONLESS NUMBERS
.#MIXING RATIOS
.MASS RATIOS
.#MIXING RATIOS
RT ATMOSPHERIC COMPOSITION
ATMOSPHERIC MOISTURE
GAS MIXTURES
GASEOUS DIFFUSION
HUMIDITY
MIXING
MOISTURE CONTENT
WATER VAPOR

MIXTURES
0603 1701 1704 1805 2701 2702
UF BLENDS
GS #MIXTURES
.ADMIXTURES
.BINARY MIXTURES
..BINARY FLUIDS
..EUTECTICS
...EUTECTIC ALLOYS
.DISPERSIONS
..COLLOIDS
...AEROSOLS
....FOG
...COLLOIDAL PROPELLANTS
..EMULSIONS
...PHOTOGRAPHIC EMULSIONS
....NUCLEAR EMULSIONS
..LIQUID-GAS MIXTURES
...AEROSOLS
....FOG
..PLASTISOLS
...SMOKE
.POLYMER BLENDS
.SIALON
.SLURRIES
.SOLID SUSPENSIONS
.SOLUTIONS
..AQUEOUS SOLUTIONS
..GAS MIXTURES
...AIR
....ALVEOLAR AIR
....COMPRESSED AIR
....EXPIRED AIR
....HIGH TEMPERATURE AIR
....LIQUID AIR
...DETONABLE GAS MIXTURES
..PHOTOGRAPHIC EMULSIONS
...NUCLEAR EMULSIONS
..SOLID SOLUTIONS
RT ALLOYS
AZEOTROPES
% COMBINATION
COMPOSITE MATERIALS
COMPOSITION (PROPERTY)
DISSOLVED GASES
EUTECTIC COMPOSITES
FORMULATIONS
INGREDIENTS
MIXERS
MIXING
PASTE (CONSISTENCY)
SOLUBILITY

ML-1 NUCLEAR POWER PLANT
2202 2204
GS ELECTRIC POWER PLANTS
.NUCLEAR POWER PLANTS
.#ML-1 NUCLEAR POWER PLANT
NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR POWER PLANTS
.#ML-1 NUCLEAR POWER PLANT

RT % POWER PLANTS

MLA
USE MULTISPECTRAL LINEAR ARRAYS

MMS
USE MULTIMISSION MODULAR SPACECRAFT

MNEMONICS
0408 0410 0502 0503
RT MEMORY
NOMENCLATURES
SYMBOLIC PROGRAMMING
SYMBOLS

MNOS
USE METAL-NITRIDE-OXIDE-SILICON

MOBILE COMMUNICATION SYSTEMS
0702
GS #MOBILE COMMUNICATION SYSTEMS
.LAND MOBILE SATELLITE SERVICE
RT COMMUNICATION SATELLITES
MSAT
RADIO COMMUNICATION

MOBILE LOUNGES
0506 1101 1102 1104
RT AIRFIELD SURFACE MOVEMENTS
AIRPORTS
GROUND HANDLING
% LOUNGES

MOBILE MISSILE LAUNCHERS
1104 3102
GS LAUNCHERS
.MISSILE LAUNCHERS
.#MOBILE MISSILE LAUNCHERS
RT BALLISTIC MISSILE SUBMARINES
MISSILE STORAGE
MISSILE SYSTEMS
WEAPON SYSTEMS

MOBILE QUARANTINE FACILITY
1102
RT AEROSPACE MEDICINE
EVACUATING (TRANSPORTATION)
% FACILITIES
MEDICAL EQUIPMENT
MEDICAL SERVICES
PHYSICAL EXAMINATIONS
PHYSIOLOGICAL TESTS

MOBILITY
2502 2602
SN (EXCLUDES CONSIDERATIONS OF MANNED AND UNMANNED CRAFT)
GS #MOBILITY
.ATOMIC MOBILITIES
.CARRIER MOBILITY
..ELECTRON MOBILITY
..HOLE MOBILITY
.IONIC MOBILITY
RT % CONDUCTIVITY
DIFFUSIVITY
DRIFT RATE
HALL EFFECT
KINETIC THEORY
PORTABLE EQUIPMENT
TRANSPORT PROPERTIES

MOCVD (VAPOR DEPOSITION)
USE METALORGANIC CHEMICAL VAPOR DEPOSITION

MODAL RESPONSE
0101 1001 1202 2308 2311 3203
UF MODE SHAPES
GS RESPONSES
#MODAL RESPONSE
RT DYNAMIC RESPONSE
STROKING TESTS

MODCOMP II COMPUTER
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#MODCOMP II COMPUTER

MODCOMP IV COMPUTER
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#MODCOMP IV COMPUTER

% MODE
0710 1808 1905
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT FAILURE MODES
MODE (STATISTICS)
MODES

MODE (STATISTICS)
1902 3406
RT AVERAGE
DISTRIBUTION MOMENTS
FAILURE MODES
MEAN
MEDIAN (STATISTICS)
% MODE
MODES
MOMENTS
QUALITY CONTROL

MODE COUPLING
USE COUPLED MODES

MODE OF VIBRATION
USE VIBRATION MODE

MODE SHAPES
USE MODAL RESPONSE

MODE TRANSFORMERS
0904 2304
GS TRANSDUCERS
#MODE TRANSFORMERS
TRANSFORMERS
#MODE TRANSFORMERS
RT IMPEDANCE MATCHING
PROPAGATION MODES
TRANSMISSION LINES
VIBRATION MODE
WAVEGUIDE TUNERS

MODEL REFERENCE ADAPTIVE CONTROL
0804 1003
UF MRAC (SYSTEMS)
GS AUTOMATIC CONTROL
.ADAPTIVE CONTROL
.#MODEL REFERENCE ADAPTIVE CONTROL
RT AUTOMATA THEORY
AUTONOMY
% CONTROL
CONTROL THEORY
CYBERNETICS
DYNAMIC CONTROL
FEEDBACK CONTROL
FEEDFORWARD CONTROL
MATHEMATICAL MODELS
OPTIMAL CONTROL
SELF ALIGNMENT
SYSTEMS SIMULATION

MODELS
0804 1106 1107 1108 1902
GS #MODELS
.AIRCRAFT MODELS
.ASTRONOMICAL MODELS
..DENSITY WAVE MODEL
..STELLAR MODELS

.ATMOSPHERIC MODELS
..ATMOSPHERIC GENERAL CIRCULATION MODELS
..REFERENCE ATMOSPHERES
.BREADBOARD MODELS
.DYNAMIC MODELS
.ENVIRONMENT MODELS
.GUTENBERG ZONE
.HYDROLOGY MODELS
.LIGHTHILL GAS MODEL
.MATHEMATICAL MODELS
..ANALOG SIMULATION
..BGK MODEL
..BIOLOGICAL MODELS (MATHEMATICS)
..DIGITAL SIMULATION
..MANDELSTAM REPRESENTATION
..PETRI NETS
..THOMAS-FERMI MODEL
..TURBULENCE MODELS
...K-EPSILON TURBULENCE MODEL
..VENEZIANO MODEL
.NUCLEAR MODELS
.OCEAN MODELS
.QUARK MODELS
..QUARK PARTON MODEL
.SCALE MODELS
.SEMISPAN MODELS
.SPACECRAFT MODELS
.STATIC MODELS
.THREE DIMENSIONAL MODELS
.TWO DIMENSIONAL MODELS
.VECTOR DOMINANCE MODEL
.WIND TUNNEL MODELS
..POWERED MODELS
RT ANALOGS
DUMMIES
LAYOUTS
PILOT PLANTS
REPLICAS
SIMULATORS
TEST FACILITIES

MODEMS
0702 0902 0904 0905
UF MODULATORS-DEMODULATORS
GS DEMODULATORS
#MODEMS
MODULATORS
#MODEMS
RT DATA TRANSMISSION
PERIPHERAL EQUIPMENT (COMPUTERS)
PHASE DEMODULATORS
PHASE MODULATION
PULSE AMPLITUDE MODULATION
PULSE COMMUNICATION
PULSE DURATION MODULATION
PULSE FREQUENCY MODULATION
PULSE MODULATION
PULSE POSITION MODULATION

MODERATION (ENERGY ABSORPTION)
0408 0603 2405 3303 3408
GS ENERGY ABSORPTION
#MODERATION (ENERGY ABSORPTION)
..THERMALIZATION (ENERGY ABSORPTION)
...NEUTRON THERMALIZATION
RT % ABSORPTION
LIMITERS (FUSION REACTORS)
MODERATORS

MODERATORS
0603 2203 2405
RT BERYLLIUM
BLANKETS (FUSION REACTORS)
GRAPHITE
HEAVY WATER
LIMITERS (FUSION REACTORS)
MODERATION (ENERGY ABSORPTION)
NEUTRON ABSORBERS
NUCLEAR REACTORS
REACTOR MATERIALS
WATER

MODES
1601 1905 2306 2310 3203
GS #MODES
.AXIAL MODES
.BALLOONING MODES
.COUPLED MODES
.FAILURE MODES
.LASER MODES
.MODES (STANDING WAVES)
.PROPAGATION MODES
..WHISPERING GALLERY MODES
.PUSHBROOM SENSOR MODES
.VIBRATION MODE
..UNCOUPLED MODES
RT % MODE
MODE (STATISTICS)
TEARING MODES (PLASMAS)

MODES (STANDING WAVES)
0710 2308 3203
GS MODES
#MODES (STANDING WAVES)
RT UNCOUPLED MODES
VIBRATION

MODFETS
0903 0906
UF MODULATION DOPED FETS
GS ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
...HETEROJUNCTION DEVICES
....HIGH ELECTRON MOBILITY TRANSISTORS
....#MODFETS
...TRANSISTORS
....FIELD EFFECT TRANSISTORS
....#MODFETS
....HIGH ELECTRON MOBILITY TRANSISTORS
....#MODFETS
RT ALUMINUM GALLIUM ARSENIDES
DOPED CRYSTALS
ENERGY GAPS (SOLID STATE)
GALLIUM ARSENIDES
INDIUM ARSENIDES
ION IMPLANTATION

MODIFICATION
USE REVISIONS

MODULAR INTEGRATED UTILITY SYSTEM
3408
UF MIUS
RT AIR CONDITIONING
COMMUNITIES
ELECTRIC POWER PLANTS
HEATING
POTABLE WATER
SEWAGE TREATMENT
% SYSTEMS
UTILITIES
WASTE DISPOSAL

MODULAR RATIOS
1704 1902 3203 3204
GS MECHANICAL PROPERTIES
#MODULAR RATIOS
RATIOS
#MODULAR RATIOS
RT COMPOSITE MATERIALS
STRESS RATIO
STRUCTURAL ANALYSIS
STRUCTURAL ENGINEERING

MODULARITY
3402 4001
RT ARCHITECTURE (COMPUTERS)
AVIONICS
COMPUTER PROGRAMS
ELECTRONIC MODULES

SYSTEMS ENGINEERING

MODULATED CONTINUOUS RADIATION
0705 0710 1002 1404 1601
GS CONTINUOUS RADIATION
#MODULATED CONTINUOUS RADIATION
ELECTROMAGNETIC RADIATION
#MODULATED CONTINUOUS RADIATION
RT COHERENT ELECTROMAGNETIC RADIATION
PHASE DEVIATION
% RADIATION

MODULATING RETRODIRECTIVE OPTICS
USE MIROS SYSTEM

MODULATION
0702 0710 1001 1002 1902
UF CARRIER MODULATION
GS #MODULATION
.AMPLITUDE MODULATION
..QUADRATURE AMPLITUDE MODULATION
.FREQUENCY MODULATION
..FEEDBACK FREQUENCY MODULATION
..FM/PM (MODULATION)
..FREQUENCY SHIFT KEYING
..PULSE FREQUENCY MODULATION
.INTERMODULATION
.IONOSPHERIC CROSS MODULATION
.LIGHT MODULATION
..MIROS SYSTEM
..ULTRASONIC LIGHT MODULATION
.PHASE MODULATION
..FM/PM (MODULATION)
..PHASE SHIFT KEYING
...BINARY PHASE SHIFT KEYING
...QUADRATURE PHASE SHIFT KEYING
.PULSE MODULATION
..PULSE AMPLITUDE MODULATION
..PULSE CODE MODULATION
...DELTA MODULATION
...DIFFERENTIAL PULSE CODE MODULATION
..PULSE FREQUENCY MODULATION
..PULSE TIME MODULATION
...PULSE DURATION MODULATION
...PULSE POSITION MODULATION
.TRAVELING WAVE MODULATION
.VELOCITY MODULATION
RT CARRIER FREQUENCIES
CARRIER WAVES
COMPANDING
CRYSTALLIZATION
DEMODULATION
DEMODULATORS
DOUBLE SIDEBAND TRANSMISSION
DYNAMIC RANGE
INTERFERENCE FACTOR TABLE
MODULATORS
P.A.C.M. TELEMETRY
PULSE FREQUENCY MODULATION
TELEMETRY
RADIO TRANSMISSION
REMODULATION
SELECTIVE FADING
TELECOMMUNICATION
WAVE INTERACTION

MODULATION DOPED FETS
USE MODFETS

MODULATION DOPING
0903 0906 3407
RT ADDITIVES
DONOR MATERIALS
DOPED CRYSTALS
ELECTRON MOBILITY
ENERGY GAPS (SOLID STATE)
HETEROJUNCTION DEVICES
HETEROJUNCTIONS
HIGH ELECTRON MOBILITY TRANSISTORS
ION IMPLANTATION
SEMICONDUCTOR DEVICES
SEMICONDUCTORS (MATERIALS)

MODULATION TRANSFER FUNCTION
0710 1003 1902 2306 2310
UF MTF
GS FUNCTIONS (MATHEMATICS)
.TRANSFER FUNCTIONS
.#MODULATION TRANSFER FUNCTION
RT FIGURE OF MERIT
IMAGING TECHNIQUES
OPTICAL MEASUREMENT
OPTICAL TRANSFER FUNCTION
% PERFORMANCE
SYSTEM EFFECTIVENESS
SYSTEMS ANALYSIS

MODULATORS
0702 0902 0904 1601
GS #MODULATORS
.BRAGG CELLS
.MODEMS
RT AMPLIFIERS
AMPLITUDE MODULATION
DEMODULATORS
ELECTRON TUBES
FREQUENCY MODULATION
LIGHT MODULATION
MATCHED FILTERS
MODULATION
PHASE MODULATION
PULSE MODULATION

MODULATORS-DEMODULATORS
USE MODEMS

MODULES
0903 0905 3004 3007 3110
GS #MODULES
.AIRLOCK MODULES
.CHEMICAL RELEASE MODULES
.ELECTRONIC MODULES
..MICROMODULES
.LOCAL SCIENTIFIC SURVEY MODULE
.PAYLOAD ASSIST MODULE
.POWER MODULES (STS)
.SERVICE MODULES
.SPACECRAFT DOCKING MODULES
.SPACECRAFT MODULES
..COMMAND MODULES
..COMMAND SERVICE MODULES
..LANDING MODULES
...LUNAR LANDING MODULES
....LUNAR MODULE
.....LSSM
...MARS EXCURSION MODULE
..SIM
RT CIRCUITS
COMPARTMENTS
% COMPONENTS
INSTRUMENT PACKAGES
SPACE TUGS
SPARE PARTS

MODULUS OF ELASTICITY
3203 3204
UF COMPLIANCE (ELASTICITY)
ELASTIC MODULUS
YOUNG MODULUS
GS MECHANICAL PROPERTIES
.ELASTIC PROPERTIES
.#MODULUS OF ELASTICITY
...DYNAMIC MODULUS OF ELASTICITY
RT ANELASTICITY
BENDING
HOOKES LAW
HYDROELASTICITY
POISSON RATIO
PROPORTIONAL LIMIT
% RIGIDITY
SHEAR PROPERTIES
STIFFNESS
STRESS-STRAIN DIAGRAMS

```
MOHAWK AIRCRAFT
  USE  OV-1 AIRCRAFT

MOHR CIRCLES
  USE  FRACTURE MECHANICS

MOIRE EFFECTS
  2306 2310 2601
  RT   BEAT FREQUENCIES
       BIREFRINGENCE
       DIFFRACTION
     % EFFECTS
       FRINGE MULTIPLICATION
       INTERFERENCE GRATING
     % METHODOLOGY
       MOIRE FRINGES
       MOIRE INTERFEROMETRY
       PHOTOELASTIC ANALYSIS
       SCHLIEREN PHOTOGRAPHY

MOIRE FRINGES
  2306
  RT   DIFFRACTION PATTERNS
       FRINGE MULTIPLICATION
       INTERFERENCE GRATING
       MOIRE EFFECTS
       STRESS ANALYSIS
       STRESS CONCENTRATION

MOIRE INTERFEROMETRY
  1405
  GS   INTERFEROMETRY
       #MOIRE INTERFEROMETRY
  RT   DIFFRACTION PATTERNS
       HOLOGRAPHIC INTERFEROMETRY
       MOIRE EFFECTS

MOISTURE
  0603 2001 2003
  GS  #MOISTURE
       .ATMOSPHERIC MOISTURE
       .SOIL MOISTURE
  RT   HUMIDITY
       HYGRAL PROPERTIES
       METEOROLOGICAL PARAMETERS
       METEOROLOGY
       WATER
       WATER VAPOR

MOISTURE CONTENT
  0603 2001 2003 3404
  UF   DAMPNESS
       WATER CONTENT
       WETNESS
  GS   COMPOSITION (PROPERTY)
       .CONCENTRATION (COMPOSITION)
       .#MOISTURE CONTENT
       ...ATMOSPHERIC MOISTURE
  RT   ATMOSPHERIC COMPOSITION
       CHEMICAL PROPERTIES
       HUMIDITY
       HYDROTHERMAL STRESS ANALYSIS
       HYGROSCOPICITY
       LYSIMETERS
       MIXING RATIOS
       SOIL MOISTURE
       WATER
       WATER VAPOR

MOISTURE DETECTORS
  USE  MOISTURE METERS

MOISTURE METERS
  0603 1406 2001 2002 2003
  UF   MOISTURE DETECTORS
  GS   MEASURING INSTRUMENTS
       #MOISTURE METERS
       ..HYGROMETERS
       ...PSYCHROMETERS
  RT   CHEMICAL ANALYSIS
       HUMIDITY
       HUMIDITY MEASUREMENT

MOISTURE RESISTANCE
  2001
  RT   CAULKING
       COATINGS
       HYDROTHERMAL STRESS ANALYSIS
       HYGROSCOPICITY
       POROSITY
     % RESISTANCE
       SEALING
       WATERPROOFING
       WEATHERPROOFING

MOJAVE DESERT (CA)
  1305
  GS   LAND
       .DESERTS
       .#MOJAVE DESERT (CA)
  RT   ARID LANDS
       CALIFORNIA
       DESERTIFICATION
       REMOTE REGIONS

MOL (ORBITAL LABORATORIES)
  USE  MANNED ORBITAL LABORATORIES

MOLABS
  USE  LUNAR MOBILE LABORATORIES

% MOLD
  1504 1704 1805 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ASPERGILLUS
       FUNGI
       MOLDS
       RHIZOPUS
       RUST FUNGI

MOLDAVIA
  1305
  GS   NATIONS
       #MOLDAVIA
  RT   EUROPE

MOLDAVITE
  1704 1806 3001
  GS   ROCKS
       .IGNEOUS ROCKS
       ..OBSIDIAN
       ..#MOLDAVITE
  RT   GLASS
       METEORITES
       SOILS

MOLDING MATERIALS
  1704 3404
  GS  #MOLDING MATERIALS
       .SHEET MOLDING COMPOUNDS
  RT   BINDERS (MATERIALS)
       CASTING
       CLAYS
       CORES
       INJECTION MOLDING
     % MATERIALS
       MOLDS
       PLASTERS
       PLASTICS
       RESIN TRANSFER MOLDING
       SAND CASTING
       SANDS
       TENITE

MOLDS
  1504 1704 1805 3404 3407
  SN   (EXCLUDES ORGANISMS)
  RT   CASTING
       CASTINGS
       DIES
       FLAT PATTERNS
       FOUNDRIES
       INGOTS
```

INJECTION MOLDING
MANDRELS
MELTING
% MOLD
MOLDING MATERIALS
ORGANIC MATERIALS
% PATTERNS
PREFORMS
PRESSING (FORMING)
PUNCHES
RESIN TRANSFER MOLDING
SHEET MOLDING COMPOUNDS
TABLETS
TEMPLATES

MOLECULAR ABSORPTION
0602 0603 1203 2404
GS ENERGY ABSORPTION
.RADIATION ABSORPTION
.#MOLECULAR ABSORPTION
RT % ABSORPTION
ATMOSPHERIC ATTENUATION
BEER LAW
ELECTROMAGNETIC ABSORPTION
LIGHT TRANSMISSION

MOLECULAR BEAM EPITAXY
2601
GS GROWTH
.CRYSTAL GROWTH
..EPITAXY
..#MOLECULAR BEAM EPITAXY

MOLECULAR BEAMS
0603 1203 2404 2502
GS BEAMS (RADIATION)
.PARTICLE BEAMS
..NEUTRAL BEAMS
..#MOLECULAR BEAMS
RT ATOMIC BEAMS
ATOMIC CLOCKS
FREE MOLECULAR FLOW
ION BEAMS
MOLECULES
RAREFIED GAS DYNAMICS

MOLECULAR BIOLOGY
0403 0404
GS LIFE SCIENCES
#MOLECULAR BIOLOGY
RT BIOCHEMISTRY
% BIOLOGY
EUKARYOTES
GENE EXPRESSION
GENES
PHYSIOCHEMISTRY
PROKARYOTES

MOLECULAR BONDS
USE CHEMICAL BONDS

MOLECULAR CHAINS
0603 1808 1809 2404
RT % ALIPHATIC COMPOUNDS
CHAINS
CRYSTAL LATTICES
MACROMOLECULES
MONOMERS

MOLECULAR CLOUDS
2003 3009
RT ASTRONOMICAL MODELS
% CLOUDS
COSMIC DUST
GALACTIC HALOS
HYDROGEN CLOUDS
INFRARED CIRRUS (ASTRONOMY)
INTERSTELLAR CHEMISTRY
INTERSTELLAR GAS
INTERSTELLAR MASERS
INTERSTELLAR MATTER
METHYLIDYNE
STAR FORMATION

MOLECULAR CLUSTERS
0602 1802 1804 2404
RT AGGLOMERATION
ATOMIC CLUSTERS
CHEMISORPTION
CLUMPS
% CLUSTERS
FULLERENES
METAL CLUSTERS
NUCLEATION

MOLECULAR COLLISIONS
0603 1203 2404 3501
GS COLLISIONS
#MOLECULAR COLLISIONS
PARTICLE INTERACTIONS
.MOLECULAR INTERACTIONS
.#MOLECULAR COLLISIONS
RT ATOMIC COLLISIONS
BGK MODEL
% INTERACTIONS
PARTICLE COLLISIONS
RIGID ROTORS (PLASMA PHYSICS)

MOLECULAR DIFFUSION
0406 0602 1203 2404 3501
GS DIFFUSION
#MOLECULAR DIFFUSION
RT ATMOSPHERIC DIFFUSION
DIFFUSION COEFFICIENT
DIFFUSION WAVES
DISSOCIATION
GASEOUS DIFFUSION
GASEOUS SELF-DIFFUSION
PARTICLE DIFFUSION
SELF DIFFUSION (SOLID STATE)
SURFACE DIFFUSION

MOLECULAR DISSOCIATION
USE DISSOCIATION

MOLECULAR DYNAMICS
0602 2404
RT COMPUTERIZED SIMULATION
CRYSTAL STRUCTURE
% DYNAMICS
MICROSTRUCTURE
MOLECULAR INTERACTIONS
% MOLECULAR PHYSICS
MOLECULAR TRAJECTORIES
PHYSICAL CHEMISTRY
STATISTICAL MECHANICS

MOLECULAR ELECTRONICS
1002 1204
GS ELECTROPHYSICS
#MOLECULAR ELECTRONICS
RT DTL INTEGRATED CIRCUITS
% ELECTRONICS
INTEGRATED CIRCUITS
LANGMUIR-BLODGETT FILMS
LARGE SCALE INTEGRATION
LINEAR INTEGRATED CIRCUITS
MEDIUM SCALE INTEGRATION
MICROELECTRONICS
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT
MONOMOLECULAR FILMS
PI-ELECTRONS
SEMICONDUCTOR DEVICES
THIN FILMS
TTL INTEGRATED CIRCUITS
VERY LARGE SCALE INTEGRATION

MOLECULAR ENERGY LEVELS
2311 2404 3304
GS LEVEL (QUANTITY)
.ENERGY LEVELS
.#MOLECULAR ENERGY LEVELS
...INTERMOLECULAR FORCES
...ROTATIONAL STATES

...VIBRATIONAL STATES
RT CHEMICAL ENERGY
% ENERGY
ENERGY OF FORMATION
EXCIMERS
FREE ENERGY
HEAT OF SOLUTION
INTERNAL ENERGY
% NUCLEAR ENERGY

MOLECULAR EXCITATION
2401 2403
GS EXCITATION
#MOLECULAR EXCITATION
RT ATOMIC EXCITATIONS
ENERGY LEVELS
IONIZATION
PARTICLE COLLISIONS
PHOTOEXCITATION
ROTATIONAL SPECTRA
ROTATIONAL STATES
VIBRATIONAL STATES

MOLECULAR FLOW
1202 1203 2404
SN (FLOW WITH KNUDSEN NUMBERS GREATER THAN 0.01--FOR SPECIFIC FLOWS IN THIS RANGE USE NARROWER TERMS--FOR DUCTED MOLECULAR FLOW USE KNUDSEN FLOW)
GS FLUID FLOW
.GAS FLOW
.#MOLECULAR FLOW
...SLIP FLOW
...TRANSITION FLOW
RT BGK MODEL
BOUNDARY LAYER TRANSITION
CONTINUUM FLOW
KNUDSEN FLOW
LOW DENSITY FLOW
RAREFIED GAS DYNAMICS
TRANSPIRATION

MOLECULAR GASES
0603 1203 2404 3501
GS GASES
#MOLECULAR GASES
..POLAR GASES
..POLYATOMIC GASES
...DIATOMIC GASES
RT ASSOCIATION REACTIONS
GAS DYNAMICS
MONATOMIC GASES
NONPOLAR GASES
RAREFIED GASES
REAL GASES

MOLECULAR INTERACTIONS
0602 1202 1203 2404
GS PARTICLE INTERACTIONS
#MOLECULAR INTERACTIONS
..MOLECULAR COLLISIONS
RT ASSOCIATION REACTIONS
CONFIGURATION INTERACTION
DISSOCIATION
% INTERACTIONS
INTERMOLECULAR FORCES
INTERNUCLEAR PROPERTIES
INTERSTELLAR CHEMISTRY
IONIC REACTIONS
LENNARD-JONES POTENTIAL
MASS FLOW
MOLECULAR DYNAMICS
% MOLECULAR PHYSICS
TRANSPORT THEORY

MOLECULAR IONS
0603 1804 2404
GS IONS
#MOLECULAR IONS
..FORMYL IONS
..HYDRONIUM IONS
..VANADYL RADICAL
RT AMINO RADICAL
ELECTRON AFFINITY
% MOLECULAR PHYSICS
POSITIVE IONS

MOLECULAR ORBITALS
2401 2404
GS ORBITALS
#MOLECULAR ORBITALS
WAVE FUNCTIONS
#MOLECULAR ORBITALS
RT QUANTUM CHEMISTRY
SELF CONSISTENT FIELDS

MOLECULAR OSCILLATIONS
1203 2404 2501 2601
GS OSCILLATIONS
#MOLECULAR OSCILLATIONS
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON MONOXIDE LASERS
GAS LASERS
OSCILLATOR STRENGTHS

MOLECULAR OSCILLATORS
0905 1203 1601 2404
GS OSCILLATORS
#MOLECULAR OSCILLATORS
RT LASERS
MASERS
OSCILLATOR STRENGTHS
TWO-WAVELENGTH LASERS
ULTRAVIOLET LASERS

% MOLECULAR PHYSICS
2404
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT INTERNUCLEAR PROPERTIES
MAYER PROBLEM
MOLECULAR DYNAMICS
MOLECULAR INTERACTIONS
MOLECULAR IONS
MONATOMIC MOLECULES
% PHYSICS
% SCIENCE

MOLECULAR PUMPS
1203 1501 2404
GS PUMPS
.VACUUM PUMPS
.#MOLECULAR PUMPS
VACUUM APPARATUS
.VACUUM PUMPS
.#MOLECULAR PUMPS
RT PLASMA PUMPING
PUMP SEALS

MOLECULAR RELAXATION
1203 2404
UF CHEMICAL RELAXATION
VIBRATIONAL RELAXATION
RT GAS FLOW
POPULATION INVERSION
% RELAXATION
RELAXATION (MECHANICS)
RELAXATION TIME
SHOCK WAVES
THERMODYNAMICS
VIBRATION DAMPING
VIBRATIONAL SPECTRA

MOLECULAR ROTATION
2308 2401 2404
GS GYRATION
.ROTATION
.#MOLECULAR ROTATION
RT MICROWAVE SPECTRA
RAMAN SPECTRA
RIGID ROTORS (PLASMA PHYSICS)
ROTATIONAL SPECTRA

```
MOLECULAR SHIELDS
  2203
  RT    CONTAMINATION
        HIGH VACUUM
        INSTRUMENT PACKAGES
        SPACEBORNE EXPERIMENTS

MOLECULAR SIEVES
  USE   ABSORBENTS

MOLECULAR SPECTRA
  0601 0603 1411 2402 2404 2903
  GS    SPECTRA
        #MOLECULAR SPECTRA
        ..ELECTRONIC SPECTRA
        ..RAMAN SPECTRA
        ..ROTATIONAL SPECTRA
        ..VIBRATIONAL SPECTRA
  RT    ABSORPTION SPECTRA
        ELECTROMAGNETIC SPECTRA
        EMISSION SPECTRA
        ENERGY SPECTRA
        INFRARED SPECTRA
        MASS SPECTRA
        MICROWAVE SPECTRA
        OXYGEN SPECTRA
        SOLAR SPECTRA
        STELLAR SPECTRA
        SWAN BANDS
        ULTRAVIOLET SPECTRA
        VEGARD-KAPLAN BANDS
        VISIBLE SPECTRUM

MOLECULAR SPECTROSCOPY
  0602 1411 2404
  GS    SPECTROSCOPY
        #MOLECULAR SPECTROSCOPY
        ..RAMAN SPECTROSCOPY
  RT    ABSORPTION SPECTRA
        ELECTRON SPECTROSCOPY
        EMISSION SPECTRA
        INFRARED SPECTROSCOPY
        LINE SPECTRA
        MICROWAVE SPECTRA
        OPTOGALVANIC SPECTROSCOPY
        ROTATIONAL SPECTRA
        SPECTROSCOPIC ANALYSIS
        ULTRAVIOLET SPECTROSCOPY
        VACUUM SPECTROSCOPY
        X RAY SPECTROSCOPY

MOLECULAR STRUCTURE
  0603 2404
  RT    ATOMIC INTERACTIONS
        ATOMIC STRUCTURE
        BIOPOLYMER DENATURATION
        COMPLEX COMPOUNDS
        CONFIGURATION INTERACTION
        CRYSTAL LATTICES
        HYDROGEN BONDS
        INFRARED SPECTROSCOPY
        INTERMOLECULAR FORCES
        INTRAMOLECULAR STRUCTURES
        MACROMOLECULES
        MOLECULES
        MONATOMIC MOLECULES
        NUCLEAR MAGNETIC RESONANCE
        NUCLEAR MODELS
        ORDER-DISORDER TRANSFORMATIONS
        POLYATOMIC MOLECULES
        POLYWATER
      % STRUCTURES
        UNIMOLECULAR STRUCTURES
        WISWESSER NOTATIONS

MOLECULAR THEORY
  0603 2311 2404
  RT    LIGHTHILL GAS MODEL
      % THEORIES

MOLECULAR TRAJECTORIES
  0603 1203 2404 3501
  GS    TRAJECTORIES
        #MOLECULAR TRAJECTORIES
  RT    GAS FLOW
        MOLECULAR DYNAMICS

MOLECULAR WEIGHT
  0603 2311 2404
  GS   #MOLECULAR WEIGHT
        .LOW MOLECULAR WEIGHTS
  RT    MACROMOLECULES
        MOLECULES
        MONATOMIC MOLECULES
        POLYATOMIC MOLECULES
        WEIGHT (MASS)

MOLECULES
  0603 2401 2404 2405 2502 2603
  GS   #MOLECULES
        .MACROMOLECULES
        .MONATOMIC MOLECULES
        .POLYATOMIC MOLECULES
        ..DIATOMIC MOLECULES
        ..TRIATOMIC MOLECULES
  RT    ATOMS
        BUCKMINSTERFULLERENE
        CHEMICAL BONDS
      % CHEMICAL COMPOUNDS
        IONS
        LOW MOLECULAR WEIGHTS
        MOLECULAR BEAMS
        MOLECULAR STRUCTURE
        MOLECULAR WEIGHT

MOLES
  0402 0404
  GS    ANIMALS
        .VERTEBRATES
        ..MAMMALS
        ..#MOLES

MOLIERE FORMULA
  USE   COSMIC RAY SHOWERS
        SECONDARY COSMIC RAYS
        SPATIAL DISTRIBUTION

MOLLIER DIAGRAM
  0603 1203 3203 3501
  UF    ENTHALPY-ENTROPY DIAGRAMS
  GS    CHARTS
        .GRAPHS (CHARTS)
        .#MOLLIER DIAGRAM
        DIAGRAMS
        #MOLLIER DIAGRAM
  RT    ENTHALPY
        ENTROPY
        EQUATIONS OF STATE
        IDEAL FLUIDS
        ISENTROPE
        THERMODYNAMICS

MOLLUSKS
  0402
  GS    ANIMALS
        .INVERTEBRATES
        .#MOLLUSKS
        ...CEPHALOPODS
        ....OCTOPUSES
        ...SNAILS
  RT    SHELLFISH

MOLNIYA SATELLITES
  0702 0706 3107
  GS    ARTIFICIAL SATELLITES
        .COMMUNICATION SATELLITES
        .#MOLNIYA SATELLITES
        .SOVIET SATELLITES
        .#MOLNIYA SATELLITES
  RT    ELECTRIC DISCHARGES
        RADIO RELAY SYSTEMS
        SATELLITE NETWORKS
        TELECOMMUNICATION
        TELEVISION TRANSMISSION
```

U.S.S.R. SPACE PROGRAM

MOLTEN SALT ELECTROLYTES
0603 1504 1804 2302 2304
GS CONDUCTORS
.ELECTROLYTES
.#MOLTEN SALT ELECTROLYTES

MOLTEN SALT NUCLEAR REACTORS
2203 2204
UF MSRE REACTORS
GS NUCLEAR REACTORS
#MOLTEN SALT NUCLEAR REACTORS
RT % REACTORS

MOLTEN SALTS
2601
RT HALIDES
HALITES
INORGANIC COMPOUNDS
NITRIDES
SALT BATHS
% SALTS
SODIUM CHLORIDES

MOLTING
0404
RT PHENOLOGY
SHEDDING

MOLYBDATES
0603 1804
GS MOLYBDENUM COMPOUNDS
#MOLYBDATES
..LEAD MOLYBDATES

MOLYBDENUM
1703
GS CHEMICAL ELEMENTS
#MOLYBDENUM
METALS
.REFRACTORY METALS
.#MOLYBDENUM
.TRANSITION METALS
.#MOLYBDENUM
REFRACTORY MATERIALS
.REFRACTORY METALS
.#MOLYBDENUM
RT MOLYBDENUM ISOTOPES

MOLYBDENUM ALLOYS
0603 1701 1704
GS ALLOYS
.HEAT RESISTANT ALLOYS
..REFRACTORY METAL ALLOYS
..#MOLYBDENUM ALLOYS
....RENE 41
....RENE 63
....RENE 77
REFRACTORY MATERIALS
.REFRACTORY METAL ALLOYS
.#MOLYBDENUM ALLOYS
...RENE 41
...RENE 63
...RENE 77
RT HASTELLOY (TRADEMARK)
MULBERRY (ALLOY)
PERMALLOYS (TRADEMARK)
STAINLESS STEELS

MOLYBDENUM CARBIDES
0603
GS CARBON COMPOUNDS
.CARBIDES
.#MOLYBDENUM CARBIDES

MOLYBDENUM COMPOUNDS
0603 1804
GS #MOLYBDENUM COMPOUNDS
.MOLYBDATES
..LEAD MOLYBDATES
.MOLYBDENUM DISULFIDES
.MOLYBDENUM OXIDES
RT % CHEMICAL COMPOUNDS
% GROUP 6B COMPOUNDS
% METAL COMPOUNDS

MOLYBDENUM DISULFIDES
1704 1804
GS CHALCOGENIDES
.SULFIDES
..INORGANIC SULFIDES
...MOLYBDENUM SULFIDES
...#MOLYBDENUM DISULFIDES
MOLYBDENUM COMPOUNDS
#MOLYBDENUM DISULFIDES
SULFUR COMPOUNDS
.SULFIDES
..INORGANIC SULFIDES
...MOLYBDENUM SULFIDES
...#MOLYBDENUM DISULFIDES

MOLYBDENUM ISOTOPES
0603 2406
GS CHEMICAL ELEMENTS
.NUCLIDES
..ISOTOPES
..#MOLYBDENUM ISOTOPES
RT MOLYBDENUM

MOLYBDENUM OXIDES
0603 1804
GS CHALCOGENIDES
.OXIDES
..METAL OXIDES
..#MOLYBDENUM OXIDES
MOLYBDENUM COMPOUNDS
#MOLYBDENUM OXIDES

MOLYBDENUM SULFIDES
0603 1804
GS CHALCOGENIDES
.SULFIDES
..INORGANIC SULFIDES
..#MOLYBDENUM SULFIDES
....MOLYBDENUM DISULFIDES
SULFUR COMPOUNDS
.SULFIDES
..INORGANIC SULFIDES
..#MOLYBDENUM SULFIDES
....MOLYBDENUM DISULFIDES

MOM (SEMICONDUCTORS)
0906
UF METAL-OXIDE-METAL SEMICONDUCTORS
GS SEMICONDUCTORS (MATERIALS)
#MOM (SEMICONDUCTORS)
RT ION IMPLANTATION

MOMENT DISTRIBUTION
2308 2311 3203
GS DISTRIBUTION (PROPERTY)
#MOMENT DISTRIBUTION
RT ANGULAR DISTRIBUTION
FORCE DISTRIBUTION
INFLUENCE COEFFICIENT
LOADING MOMENTS
LOADS (FORCES)
MASS DISTRIBUTION
METHOD OF MOMENTS
MOMENTS
MOMENTS OF INERTIA
PRESSURE DISTRIBUTION
STATIC LOADS
STRESS CONCENTRATION
STRUCTURAL ANALYSIS
STRUCTURAL DESIGN CRITERIA

MOMENTS
0101 0603 2308 2311
GS #MOMENTS
.BENDING MOMENTS
.DIPOLE MOMENTS
..ELECTRIC MOMENTS
..MAGNETIC MOMENTS

.DISTRIBUTION MOMENTS
..MEAN
..ORTHOGONALITY
..STANDARD DEVIATION
.LOADING MOMENTS
.MOMENTS OF INERTIA
.STABILITY DERIVATIVES
..PITCHING MOMENTS
..ROLLING MOMENTS
..YAWING MOMENTS
.TORQUE
RT METHOD OF MOMENTS
MODE (STATISTICS)
MOMENT DISTRIBUTION
MOMENTUM
SKEWNESS
TORSION
VARIANCE (STATISTICS)

MOMENTS OF INERTIA
2308 2311
UF INERTIA MOMENTS
GS MOMENTS
#MOMENTS OF INERTIA
RT ANGULAR MOMENTUM
CENTER OF GRAVITY
CENTER OF PRESSURE
CENTROIDS
EQUATIONS OF MOTION
EULER EQUATIONS OF MOTION
INERTIA
INERTIA PRINCIPLE
MACH INERTIA PRINCIPLE
MASS
MASS DISTRIBUTION
MOMENT DISTRIBUTION
PITCHING MOMENTS
ROLLING MOMENTS
STABILITY DERIVATIVES
STRESS ANALYSIS
STRUCTURAL STRAIN
TORQUE
YAWING MOMENTS

MOMENTUM
2308 2311
GS #MOMENTUM
.ANGULAR MOMENTUM
RT CLASSICAL MECHANICS
DE BROGLIE WAVELENGTHS
% DYNAMICS
MOMENTS
% MOTION
MOTION AFTEREFFECTS
PENDULUMS
TURNING FLIGHT

MOMENTUM ENERGY
USE KINETIC ENERGY

MOMENTUM THEORY
2308 2311
RT CONSERVATION LAWS
NEWTON SECOND LAW
% THEORIES

MOMENTUM TRANSFER
2308 2311 3201
RT % DYNAMICS
ENERGY TRANSFER
GAS-LIQUID INTERACTIONS
HYDRODYNAMIC RAM EFFECT
KINETIC THEORY
KINETICS
PRANDTL NUMBER
TRANSFERRING

MONACO
1305
GS NATIONS
#MONACO
RT EUROPE

MONATOMIC GASES
0603 1203 3501
UF ATOMIC GASES
GS GASES
#MONATOMIC GASES
RT CHAPMAN-ENSKOG THEORY
MOLECULAR GASES
RARE GASES
REAL GASES

MONATOMIC MOLECULES
0603 2311 2401 2404
GS MOLECULES
#MONATOMIC MOLECULES
RT ATOMS
CHEMICAL BONDS
% CHEMICAL COMPOUNDS
IONS
LOW MOLECULAR WEIGHTS
% MOLECULAR PHYSICS
MOLECULAR STRUCTURE
MOLECULAR WEIGHT
POSITIVE IONS

MONAURAL SIGNALS
0202 0405 0701 0705 1406
RT AUDIO EQUIPMENT
AUDIO FREQUENCIES
AUDITORY PERCEPTION
AUDITORY SIGNALS
LOUDSPEAKERS
MICROPHONES
SOUND TRANSMISSION

MONAZITE SANDS
1802 2203 2406
GS PHOSPHORUS COMPOUNDS
.PHOSPHATES
.#MONAZITE SANDS
SEDIMENTS
.SANDS
.#MONAZITE SANDS
SOILS
.SANDS
.#MONAZITE SANDS
RT MINERALS
SEDIMENTARY ROCKS

MONEL (TRADEMARK)
0603 1701 1704
GS ALLOYS
.NICKEL ALLOYS
.#MONEL (TRADEMARK)

MONGE-AMPERE EQUATION
0902 1902 2302 2304 2402
GS ALGEBRA
.NONLINEAR EQUATIONS
.#MONGE-AMPERE EQUATION
ANALYSIS (MATHEMATICS)
.REAL VARIABLES
..DIFFERENTIAL EQUATIONS
...PARTIAL DIFFERENTIAL EQUATIONS
....ELLIPTIC DIFFERENTIAL EQUATIONS
....#MONGE-AMPERE EQUATION
..NONLINEAR EQUATIONS
..#MONGE-AMPERE EQUATION
RT BOUNDARY VALUE PROBLEMS
% EQUATIONS

MONGOLIA
1305
GS NATIONS
#MONGOLIA
RT ASIA

MONITORS
0708 1406 1408 1409 1410 3501
RT AIRCRAFT INSTRUMENTS
ALARM PROJECT
ANALYZERS
CONICAL SCANNING

```
      COUNTERS
      DATA RECORDERS
    % DETECTORS
      DISPLAY DEVICES
      ENVIRONMENTAL MONITORING
      GAS DETECTORS
      HELMET MOUNTED DISPLAYS
      IN-FLIGHT MONITORING
    % INSTRUMENTS
    % MEASUREMENT
      MEASURING INSTRUMENTS
      OPTICAL SCANNERS
      POLLUTION MONITORING
      RADIATION MEASURING INSTRUMENTS
      SCANNING
      WARNING
      WARNING SYSTEMS

MONKEYS
  0402 0404
  GS  ANIMALS
      .VERTEBRATES
      ..MAMMALS
      ...PRIMATES
      ...#MONKEYS

MONOCHROMATIC RADIATION
  2306 2310 2402 2903
  SN  (LIMITED TO ELECTROMAGNETIC
      RADIATION)
  GS  ELECTROMAGNETIC RADIATION
      #MONOCHROMATIC RADIATION
  RT  BEAMS (RADIATION)
      BRILLOUIN EFFECT
      COHERENT ELECTROMAGNETIC RADIATION
      COHERENT LIGHT
    % FILTERS
      GAMMA RAYS
      INFRARED RADIATION
      IONIZING RADIATION
      LIGHT (VISIBLE RADIATION)
      LONG WAVE RADIATION
      MONOCHROMATIZATION
      MONOCHROMATORS
      POLARIZED ELECTROMAGNETIC RADIATION
      POLARIZED LIGHT
    % RADIATION
      RADIO WAVES
      SHORT WAVE RADIATION
      ULTRAVIOLET RADIATION
      X RAYS

MONOCHROMATIZATION
  2302 2306 2310 2403
  UF  INTERFERENCE MONOCHROMATIZATION
  RT  MONOCHROMATIC RADIATION
      PARTICLE ENERGY
      POLARIZATION (WAVES)

MONOCHROMATORS
  0708 1404 1411 2402 2903
  GS  MEASURING INSTRUMENTS
      #MONOCHROMATORS
      RADIATION SOURCES
      #MONOCHROMATORS
  RT  COMPARATORS
      DUOCHROMATORS
      GONIOMETERS
      LIGHT SOURCES
      MONOCHROMATIC RADIATION
      OPTICAL EQUIPMENT
      OPTICAL MEASURING INSTRUMENTS
      PHOTOGONIOMETERS
      SPECTROPHOTOMETERS

MONOCOQUE STRUCTURES
  0102 0104 0202 3202 3203
  RT % CYLINDERS
      SHELLS (STRUCTURAL FORMS)
      STRESSED-SKIN STRUCTURES
    % STRUCTURES

MONOCRYSTALS
  USE SINGLE CRYSTALS

MONOCULAR VISION
  0404 0408 0506 2310
  GS  VISION
      #MONOCULAR VISION
  RT  HUMAN FACTORS ENGINEERING
      MOTION PERCEPTION
      PERCEPTION
      SPACE PERCEPTION

MONOETHANOLAMINE (MEA)
  0603 1808
  GS  AMINES
      #MONOETHANOLAMINE (MEA)

MONOIDS
  1902
  GS  ALGEBRA
      .GROUP THEORY
      ..HOMOMORPHISMS
      ..#MONOIDS

MONOLITHIC CIRCUITS
  USE INTEGRATED CIRCUITS

MONOMERS
  0603 1203 1808 2404
  RT  DIBASIC COMPOUNDS
      DIMERS
      MOLECULAR CHAINS
      OLIGOMERS
    % POLYMERS
      PREPOLYMERS
      TRIMERS

MONOMOLECULAR FILMS
  1202 1203 1802
  GS  THIN FILMS
      #MONOMOLECULAR FILMS
      ..LANGMUIR-BLODGETT FILMS
  RT  ENERGY ABSORPTION FILMS
    % FILMS
      INTEGRATED OPTICS
    % LAYERS
      MOLECULAR ELECTRONICS
      SURFACE LAYERS
      SURFACTANTS
      THIN LAYER CHROMATOGRAPHY

MONOPLANES
  0101 0102 0201
  GS  #MONOPLANES
      .A-1 AIRCRAFT
      .A-2 AIRCRAFT
      .A-3 AIRCRAFT
      .A-4 AIRCRAFT
      .A-5 AIRCRAFT
      .A-6 AIRCRAFT
      .A-7 AIRCRAFT
      .A-37 AIRCRAFT
      .AN-2 AIRCRAFT
      .AN-22 AIRCRAFT
      .AN-24 AIRCRAFT
      .ARGOSY MK-1 AIRCRAFT
      .AVRO 707 AIRCRAFT
      .B-26 AIRCRAFT
      .B-47 AIRCRAFT
      .B-50 AIRCRAFT
      .B-52 AIRCRAFT
      .B-57 AIRCRAFT
      .B-58 AIRCRAFT
      .B-66 AIRCRAFT
      .B-70 AIRCRAFT
      .BAC 111 AIRCRAFT
      .BEECHCRAFT 18 AIRCRAFT
      .BOEING 707 AIRCRAFT
      .BOEING 720 AIRCRAFT
      .BOEING 733 AIRCRAFT
      .BOEING 737 AIRCRAFT
      .BOEING 757 AIRCRAFT
      .BOEING 767 AIRCRAFT
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.BREGUET 940 AIRCRAFT
.BREGUET 941 AIRCRAFT
.BREGUET 1150 AIRCRAFT
.BUCCANEER AIRCRAFT
.C-2 AIRCRAFT
.C-33 AIRCRAFT
.C-35 AIRCRAFT
.C-46 AIRCRAFT
.C-47 AIRCRAFT
.C-54 AIRCRAFT
.C-118 AIRCRAFT
.C-121 AIRCRAFT
.C-123 AIRCRAFT
.C-124 AIRCRAFT
.C-130 AIRCRAFT
.C-131 AIRCRAFT
.C-133 AIRCRAFT
.C-135 AIRCRAFT
.C-140 AIRCRAFT
.C-141 AIRCRAFT
.C-160 AIRCRAFT
.CANBERRA AIRCRAFT
.CESSNA L-19 AIRCRAFT
.CESSNA 172 AIRCRAFT
.CESSNA 205 AIRCRAFT
.CESSNA 210 AIRCRAFT
.CESSNA 402B AIRCRAFT
.CL-41 AIRCRAFT
.CL-44 AIRCRAFT
.COMET 4 AIRCRAFT
.CV-340 AIRCRAFT
.CV-440 AIRCRAFT
.CV-880 AIRCRAFT
.CV-990 AIRCRAFT
.D-558 AIRCRAFT
.DC 3 AIRCRAFT
.DC 7 AIRCRAFT
.DC 8 AIRCRAFT
.DH 112 AIRCRAFT
.DH 115 AIRCRAFT
.DH 121 AIRCRAFT
.DH 125 AIRCRAFT
.DHC 2 AIRCRAFT
.DHC 4 AIRCRAFT
.DHC 5 AIRCRAFT
.DO-27 AIRCRAFT
.DO-28 AIRCRAFT
.DO-31 AIRCRAFT
.EC-121 AIRCRAFT
.ELECTRA AIRCRAFT
.F-2 AIRCRAFT
.F-5 AIRCRAFT
.F-8 AIRCRAFT
.F-9 AIRCRAFT
.F-17 AIRCRAFT
.F-27 AIRCRAFT
.F-28 TRANSPORT AIRCRAFT
.F-84 AIRCRAFT
.F-86 AIRCRAFT
.F-89 AIRCRAFT
.F-94 AIRCRAFT
.F-100 AIRCRAFT
.F-102 AIRCRAFT
.F-104 AIRCRAFT
.F-105 AIRCRAFT
.F-106 AIRCRAFT
.FD 2 AIRCRAFT
.G-1 AIRCRAFT
.G-91 AIRCRAFT
.G-95/4 AIRCRAFT
.G-222 AIRCRAFT
.GA-5 AIRCRAFT
.H-126 AIRCRAFT
.HFB-320 AIRCRAFT
.HP-115 AIRCRAFT
.HS-748 AIRCRAFT
.IL-14 AIRCRAFT
.IL-62 AIRCRAFT
.JET PROVOST AIRCRAFT
.JINDIVIK TARGET AIRCRAFT
.L-29 JET TRAINER
.LOCKHEED MODEL 18 AIRCRAFT
.MH-262 AIRCRAFT
.MIRAGE AIRCRAFT
..MIRAGE 3 AIRCRAFT
.MYSTERE 20 AIRCRAFT
.NORD 1500 AIRCRAFT
.OV-1 AIRCRAFT
.OV-10 AIRCRAFT
.P-3 AIRCRAFT
.P-51 AIRCRAFT
.P-166 AIRCRAFT
.P-308 AIRCRAFT
.P-1127 AIRCRAFT
.P-1154 AIRCRAFT
.PD-808 AIRCRAFT
.PHANTOM AIRCRAFT
..F-4 AIRCRAFT
.RB-50 AIRCRAFT
.RF-4 AIRCRAFT
.S-2 AIRCRAFT
.SAAB 105 AIRCRAFT
.SC-1 AIRCRAFT
.SC-5 AIRCRAFT
.SC-7 AIRCRAFT
.SCIMITAR AIRCRAFT
.SE-210 AIRCRAFT
.SHACKLETON BOMBER
.T-2 AIRCRAFT
.T-28 AIRCRAFT
.T-33 AIRCRAFT
.T-37 AIRCRAFT
.T-38 AIRCRAFT
.T-39 AIRCRAFT
.TS-11 AIRCRAFT
.TSR-2 AIRCRAFT
.TU-104 AIRCRAFT
.TU-124 AIRCRAFT
.TU-134 AIRCRAFT
.U-2 AIRCRAFT
.U-10 AIRCRAFT
.VALIANT AIRCRAFT
.VC-10 AIRCRAFT
.VICTOR MK-1 AIRCRAFT
.VISCOUNT AIRCRAFT
.VJ-101 AIRCRAFT
.X-1 AIRCRAFT
.X-2 AIRCRAFT
.X-3 AIRCRAFT
.X-5 AIRCRAFT
.X-13 AIRCRAFT
.X-14 AIRCRAFT
.X-21 AIRCRAFT
.X-21A AIRCRAFT
.XC-142 AIRCRAFT
.XV-4 AIRCRAFT
.XV-5 AIRCRAFT
.YS-11 AIRCRAFT
.Z-37 AIRCRAFT
RT AERODYNAMIC CONFIGURATIONS
% AIRCRAFT
AIRFOILS
BIPLANES
CARGO AIRCRAFT
GLIDERS
% LOW WING AIRCRAFT
SEAPLANES
TAILLESS AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT
WING PLANFORMS
WING PROFILES
% WINGED VEHICLES

MONOPOLE ANTENNAS
0701 0702 0901
UF SPIKE ANTENNAS
GS ANTENNAS
.OMNIDIRECTIONAL ANTENNAS
.#MONOPOLE ANTENNAS
...WHIP ANTENNAS
RT ANTENNA DESIGN
DIPOLE ANTENNAS
LOOP ANTENNAS
MONOPOLES
% SPIKES

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MONOPOLES
  0603 1203 2404
  GS   #MONOPOLES
       .MAGNETIC MONOPOLES
  RT % DIPOLES
       MONOPOLE ANTENNAS
       MULTIPOLES
     % POLES

MONOPROPELLANTS
  2702
  GS   FUELS
       #MONOPROPELLANTS
       ..AEROZINE
       PROPELLANTS
       .ROCKET PROPELLANTS
       ..LIQUID ROCKET PROPELLANTS
       ..#MONOPROPELLANTS
       ....AEROZINE
  RT   AIRCRAFT FUELS
       CHEMICAL FUELS
       GASEOUS ROCKET PROPELLANTS
       GELLED ROCKET PROPELLANTS
       METAL PROPELLANTS
       PLASTIC PROPELLANTS
       PROPELLANT DECOMPOSITION
       SLURRY PROPELLANTS
       SOLID ROCKET PROPELLANTS

MONOPULSE ANTENNAS
  0701 0901
  GS   ANTENNAS
       #MONOPULSE ANTENNAS
  RT   DIRECTIONAL ANTENNAS
       PHASED ARRAYS
       WAVEGUIDE ANTENNAS

MONOPULSE RADAR
  0705
  GS   RADAR
       .PULSE RADAR
       ..PULSE DOPPLER RADAR
       ..#MONOPULSE RADAR
  RT   DOPPLER RADAR
       DUPLEXERS
       RADAR TRACKING
       TRACKING RADAR

MONOSACCHARIDES
  0403 1808
  GS   ORGANIC COMPOUNDS
       .CARBOHYDRATES
       ..SUGARS
       ..#MONOSACCHARIDES
       ....HEXOSES
       .....GALACTOSE
       .....GLUCOSE
       ....PENTOSE
       .....RIBOSE
       .....XYLOSE

MONOSCOPES
  0605 0701 0702 0905 1002
  GS   TELEVISION EQUIPMENT
       #MONOSCOPES
  RT   CAMERA TUBES
       ELECTRON BEAMS
       IMAGE TUBES
       SECONDARY EMISSION
     % TEST EQUIPMENT

MONOSTABLE MULTIVIBRATORS
  0701 0905 1001 1002 2311
  GS   CIRCUITS
       .MULTIVIBRATORS
       .#MONOSTABLE MULTIVIBRATORS

MONOTECTIC ALLOYS
  1701
  GS   ALLOYS
       #MONOTECTIC ALLOYS
  RT   COMPOSITE MATERIALS
     % MATRICES
       METAL MATRIX COMPOSITES
       METALS

MONOTONE FUNCTIONS
  1902 1903
  GS   FUNCTIONS (MATHEMATICS)
       #MONOTONE FUNCTIONS
  RT   ANALYSIS (MATHEMATICS)
       CALCULUS
       REAL VARIABLES

MONOTONY
  0408 0410
  RT   BOREDOM
       LETHARGY
       SENSORY DEPRIVATION

MONSOONS
  2001 2003
  GS   WIND (METEOROLOGY)
       #MONSOONS
  RT   ANNUAL VARIATIONS
       ATMOSPHERIC CIRCULATION
       GROUND WIND
       PRECIPITATION (METEOROLOGY)
       SEA BREEZE

MONTANA
  1305
  GS   NATIONS
       .UNITED STATES
       .#MONTANA
  RT   BIGHORN MOUNTAINS (MT-WY)
       MISSOURI RIVER (US)
       WILLISTON BASIN (NORTH AMERICA)
       YELLOWSTONE NATIONAL PARK
       (ID-MT-WY)

MONTE CARLO METHOD
  0802 1902 1905 3501 4001
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       .#MONTE CARLO METHOD
  RT   DIFFUSION THEORY
       EXPECTANCY HYPOTHESIS
       GAME THEORY
       MARKOV CHAINS
       MATHEMATICAL MODELS
     % METHODOLOGY
       PROBABILITY THEORY
       RANDOM PROCESSES
       RANDOM WALK
       RENORMALIZATION GROUP METHODS
       SIMULATION
       STATISTICAL ANALYSIS
       STOCHASTIC PROCESSES
       TRANSPORT THEORY

MONTEREY BAY (CA)
  1305 1306 1310
  GS   BAYS (TOPOGRAPHIC FEATURES)
       #MONTEREY BAY (CA)
  RT   CALIFORNIA
       PACIFIC OCEAN

MONTH
  1406
  UF   LUNATION
  RT   CALENDARS
       TIME
       UNITS OF MEASUREMENT

MONTICELLITE
  1804 1806
  GS   CALCIUM COMPOUNDS
       #MONTICELLITE
       MAGNESIUM COMPOUNDS
       #MONTICELLITE
       MINERALS
       #MONTICELLITE
       SILICON COMPOUNDS
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        .SILICATES
        .#MONTICELLITE
  RT    OLIVINE

MONTMORILLONITE
  1804 1806
  GS    ALUMINUM COMPOUNDS
        .ALUMINUM SILICATES
        .#MONTMORILLONITE
        CLAYS
        #MONTMORILLONITE
        MINERALS
        #MONTMORILLONITE
        SILICON COMPOUNDS
        .SILICATES
        ..ALUMINUM SILICATES
        ..#MONTMORILLONITE
  RT    BENTONITE

MOODS
  0408 0410
  RT    EMOTIONAL FACTORS
        EMOTIONS
        PSYCHOLOGICAL EFFECTS
        PSYCHOLOGICAL FACTORS
        SENSORY FEEDBACK

MOON
  3001 3002 3003 3004 3008 3009
  GS    CELESTIAL BODIES
        .NATURAL SATELLITES
        .#MOON
  RT    EARTH-MOON SYSTEM
        LIGHT SOURCES
        LUNAR ATMOSPHERE
        LUNAR BASES
        LUNAR COMMUNICATION
        LUNAR COMPOSITION
        LUNAR CRATERS
        LUNAR CRUST
        LUNAR DUST
        LUNAR ECLIPSES
        LUNAR ENVIRONMENT
        LUNAR EVOLUTION
        LUNAR EXPLORATION
        LUNAR FAR SIDE
        LUNAR GEOLOGY
        LUNAR GRAVITATION
        LUNAR LANDING SITES
        LUNAR LIMB
        LUNAR LUMINESCENCE
        LUNAR MAGNETIC FIELDS
        LUNAR MAPS
        LUNAR OCCULTATION
        LUNAR ORBITS
        LUNAR PHASES
        LUNAR PHOTOGRAPHY
        LUNAR RAYS
        LUNAR SHADOW
        LUNAR SOIL
        LUNAR TEMPERATURE
        LUNAR TOPOGRAPHY
        SELENOGRAPHY
        SELENOLOGY
        TERRAFORMING

MOON ILLUSION
  0408 0410
  GS    PSYCHOLOGICAL EFFECTS
        .ILLUSIONS
        .#MOON ILLUSION
  RT    OPTICAL ILLUSION
        SENSORY FEEDBACK

MOON-EARTH TRAJECTORIES
  1904 3004 3006 3009
  GS    TRAJECTORIES
        .SPACECRAFT TRAJECTORIES
        ..LUNAR TRAJECTORIES
        ..#MOON-EARTH TRAJECTORIES
  RT    APOLLO 5 FLIGHT
        APOLLO 6 FLIGHT
        APOLLO 7 FLIGHT
        APOLLO 8 FLIGHT
        APOLLO 10 FLIGHT
        APOLLO 11 FLIGHT
        APOLLO 12 FLIGHT
        APOLLO 13 FLIGHT
        APOLLO 14 FLIGHT
        APOLLO 15 FLIGHT
        APOLLO 16 FLIGHT
        APOLLO 17 FLIGHT
        CIRCUMLUNAR TRAJECTORIES
        EARTH-MOON TRAJECTORIES
        GODDARD TRAJECTORY DETERMINATION
        SYSTEM
        LUNAR FLIGHT
        MASS DRIVERS
        ORBITAL MECHANICS
        REENTRY TRAJECTORIES
        ROUND TRIP TRAJECTORIES
        TRANSFER ORBITS

MOONLETS
  3003
  GS    CELESTIAL BODIES
        #MOONLETS
  RT    JUPITER RINGS
        NATURAL SATELLITES
        PLANETARY RINGS
        SATURN RINGS
        URANUS RINGS

MOONQUAKES
  1306 1308 3001
  GS    SEISMOLOGY
        #MOONQUAKES
  RT    LUNAR GEOLOGY
        LUNAR TIDES
        PLANETARY QUAKES
        SELENOLOGY

MOONS
  USE   NATURAL SATELLITES

MOORING
  1102 1104 1105 2103
  UF    MOORINGS
  RT    AIRPORTS
        ANCHORS (FASTENERS)
        FASTENERS
      % JOINING
        MATERIALS HANDLING
        MULTIPLE DOCKING ADAPTERS
        SPACECRAFT DOCKING

MOORINGS
  USE   MOORING

MOPS (PROPULSION SYSTEMS)
  USE   MAN OPERATED PROPULSION SYSTEMS

MORAINES
  USE   GLACIAL DRIFT

MORALE
  0408 0410 0502 3401
  RT    CREATIVITY
        DISCIPLINING
        LEADERSHIP
        MOTIVATION
        PRODUCTIVITY
        PSYCHOLOGY
        RECREATION

MOREHOUSE COMET
  3001 3005
  GS    CELESTIAL BODIES
        .COMETS
        .#MOREHOUSE COMET
  RT    SOLAR SYSTEM

MORL
  USE   MANNED ORBITAL LABORATORIES
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MORNING
  1308 3001
  RT   DAYTIME
       SUNRISE

MOROCCO
  1305
  GS   NATIONS
       #MOROCCO
  RT   AFRICA

MORPHINE
  0403 0405 0408 1808
  GS   BASES (CHEMICAL)
       .ALKALOIDS
       .#MORPHINE
       DRUGS
       .NARCOTICS
       .#MORPHINE
       NITROGEN COMPOUNDS
       .ALKALOIDS
       .#MORPHINE
       ORGANIC COMPOUNDS
       .CYCLIC COMPOUNDS
       ..HETEROCYCLIC COMPOUNDS
       ...ALKALOIDS
       ...#MORPHINE

MORPHOLOGICAL INDEXES
  0602 0603
  GS   RATIOS
       .INDEXES (RATIOS)
       .#MORPHOLOGICAL INDEXES
  RT   MORPHOLOGY

MORPHOLOGY
  0404 1306 3405
  GS  #MORPHOLOGY
       .GEOMORPHOLOGY
       .ISOMORPHISM
       .LUNG MORPHOLOGY
       .POLYMORPHISM
  RT   ANATOMY
     % BIOLOGY
       DIFFERENTIATION (BIOLOGY)
       GEOLOGY
       HISTOLOGY
     % MATHEMATICS
       MORPHOLOGICAL INDEXES
       SHAPES
       VESTIBULES

MORPHOTROPISM
  USE  ISOMORPHISM

MORSE CODE
  0702 0703
  RT % CODES
       COMMUNICATING
       KEYING
       RADIO TELEGRAPHY
       TELECOMMUNICATION

MORSE POTENTIAL
  1202 1203 1902
  RT   DIATOMIC MOLECULES
       KINETIC THEORY
       POTENTIAL ENERGY

MORTALITY
  0404 0405 0408 0411
  RT   AGING (BIOLOGY)
       DEATH
       EXPIRATION
       LIFE SPAN
       MILLS RATIO

MORTARS (MATERIAL)
  1504 1801 1805 1806 3401
  RT   ADMIXTURES
       BRICKS
       CEMENTS
       CERAMICS
       CONCRETES
       GROUT
       MASONRY
       PLASTERS
       REFRACTORIES

MOS (JAPANESE SPACECRAFT)
  USE  JAPANESE SPACECRAFT

MOS (SEMICONDUCTORS)
  USE  METAL OXIDE SEMICONDUCTORS

MOSAICS
  0701 0702 1407
  RT   ASSEMBLIES
       DIFFRACTION
       FOCAL PLANE DEVICES
     % NETWORKS
       PHOTOGRAPHS

MOSCOW
  1305
  GS   CITIES
       #MOSCOW
  RT   U.S.S.R.

MOSFET
  USE  FIELD EFFECT TRANSISTORS

MOSS (SPACE STATIONS)
  USE  SPACE STATIONS

MOSSBAUER EFFECT
  0603 2402
  RT   CRYSTAL LATTICES
     % EFFECTS
       ELECTROMAGNETIC ABSORPTION
       FLUORESCENCE
       GAMMA RAYS
       LASER INDUCED FLUORESCENCE
       RESONANCE SCATTERING
       RESONANT FREQUENCIES

MOSSES
  USE  BRYOPHYTES

MOT (ORBITAL TELESCOPES)
  USE  MANNED ORBITAL TELESCOPES

MOTHS
  0402
  GS   ANIMALS
       .INVERTEBRATES
       ..ARTHROPODS
       ...INSECTS
       ...#MOTHS
       .....SILKWORMS
  RT   BOLLWORMS
       INFESTATION

MOTILITY
  USE  LOCOMOTION

% MOTION
  0101 0201 1202 2003 2311 3009
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  UF   MOVEMENT
  RT   ACCELERATION (PHYSICS)
       ATTITUDE (INCLINATION)
       BROWNIAN MOVEMENTS
       DISPLACEMENT
       DOMAIN WALL
       GLIDING
       GYRATION
       HARMONIC MOTION
       HEAD MOVEMENT
       HEAVING
       HIGH ACCELERATION
       IMMOBILIZATION
       INERTIA
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      ION MOTION
      IONIC MOBILITY
      KINEMATICS
      LIBRATION
      MOMENTUM
      NUTATION
      ORBITS
      OSCILLATIONS
      OSCILLATORS
      PARTICLE MOTION
      PARTICLE TRAJECTORIES
      PITCH (INCLINATION)
      ROTATION
      SACCADIC EYE MOVEMENTS
      SOLAR ORBITS
      SPACECRAFT MOTION
      SPACECRAFT TRAJECTORIES
      STELLAR MOTIONS
      SWARMING
      TEETERING
      TRANSIT TIME
      TRANSLATIONAL MOTION
      TUMBLING MOTION
      TURBULENCE
      VELOCITY
      VERTICAL MOTION
      VERTICAL MOTION SIMULATORS
      VIBRATION
      VISCOSITY
      YAW

MOTION AFTEREFFECTS
  2308 2311
  RT   EQUATIONS OF MOTION
       KINETICS
       MOMENTUM

MOTION EQUATIONS
  USE  EQUATIONS OF MOTION

MOTION PERCEPTION
  0401 0405 0408
  GS   PERCEPTION
       #MOTION PERCEPTION
  RT   BINOCULAR VISION
       MONOCULAR VISION
       VISUAL PERCEPTION

MOTION PICTURES
  1401 1407 3405 3501 9001
  UF   CINEFLUOROGRAPHY
       CINERADIOGRAPHY
  GS   PHOTOGRAPHS
       #MOTION PICTURES
  RT   ANIMATION
       CHRONOPHOTOGRAPHY
       CINEMATOGRAPHY
       COMPUTER ANIMATION
       GRAPHIC ARTS
       PROJECTORS
       SUPPLEMENTS
       VIDEO EQUIPMENT
       VIDEO TAPES

MOTION SICKNESS
  0401 0405 0408
  UF   AIR SICKNESS
  RT   ACCELERATION STRESSES (PHYSIOLOGY)
       AEROSPACE MEDICINE
       HEAD MOVEMENT
       NAUSEA
       SPACE ADAPTATION SYNDROME
       VOMITING

MOTION SICKNESS DRUGS
  0401 0405
  GS   DRUGS
       #MOTION SICKNESS DRUGS
  RT   PHARMACOLOGY

MOTION SIMULATION
  1108 3501
  GS   HUMAN FACTORS ENGINEERING
       #MOTION SIMULATION
       SIMULATION
       #MOTION SIMULATION
  RT   FLIGHT SIMULATION
       FLIGHT SIMULATORS
       MOTION SIMULATORS
       VIRTUAL REALITY

MOTION SIMULATORS
  1106 1107 1108 3501
  GS   SIMULATORS
       #MOTION SIMULATORS
  RT   COMPUTERIZED SIMULATION
       CONTROL SIMULATION
       FLIGHT SIMULATORS
       MOTION SIMULATION
       SPACE ENVIRONMENT SIMULATION
       TEST FACILITIES

MOTION STABILITY
  1403 2308
  GS   DYNAMIC CHARACTERISTICS
       .DYNAMIC STABILITY
       .#MOTION STABILITY
       ...AERODYNAMIC STABILITY
       ...AIRCRAFT STABILITY
       ....HOVERING STABILITY
       ...ATTITUDE STABILITY
       ....DIRECTIONAL STABILITY
       .....GYROSCOPIC STABILITY
       ....LATERAL STABILITY
       ....LONGITUDINAL STABILITY
       ...FLOW STABILITY
       ....BOUNDARY LAYER STABILITY
       ....FLAME STABILITY
       ....MAGNETOHYDRODYNAMIC STABILITY
       .....WEIBEL INSTABILITY
       ...LOW SPEED STABILITY
       ...ROTARY STABILITY
       ....GYROSCOPIC STABILITY
       ...SPACECRAFT STABILITY
       STABILITY
       .DYNAMIC STABILITY
       .#MOTION STABILITY
       ...AERODYNAMIC STABILITY
       ...AIRCRAFT STABILITY
       ....HOVERING STABILITY
       ...ATTITUDE STABILITY
       ....DIRECTIONAL STABILITY
       .....GYROSCOPIC STABILITY
       ....LATERAL STABILITY
       ....LONGITUDINAL STABILITY
       ...FLOW STABILITY
       ....BOUNDARY LAYER STABILITY
       ....FLAME STABILITY
       ....MAGNETOHYDRODYNAMIC STABILITY
       .....WEIBEL INSTABILITY
       ...LOW SPEED STABILITY
       ...ROTARY STABILITY
       ....GYROSCOPIC STABILITY
       ...SPACECRAFT STABILITY
  RT   COMBUSTION STABILITY
       CONTROL STABILITY
       DYNAMIC TESTS
       ROUGHNESS
       SEA KEEPING
       SPACECRAFT MOTION
       STABLE OSCILLATIONS
       SURFACE STABILITY

MOTIVATION
  0408 0410 3406
  GS   #MOTIVATION
       .CONTRACT INCENTIVES
  RT % DRIVES
       INCENTIVES
       LEARNING
       MORALE
       REINFORCEMENT (PSYCHOLOGY)
       SELF STIMULATION
     % STIMULI
```

```
MOTOR SYSTEMS (BIOLOGY)
  USE  EFFERENT NERVOUS SYSTEMS

MOTOR VEHICLES
  1504
  GS   SURFACE VEHICLES
       #MOTOR VEHICLES
       ..AUTOMATED MIXED TRAFFIC VEHICLES
       ..AUTOMOBILES
       ...ELECTRIC AUTOMOBILES
       ..ELECTRIC MOTOR VEHICLES
       ..TRACTORS
       ...CRAWLER TRACTORS
       ...TRACKED VEHICLES
       ..TRUCKS
       ...TANK TRUCKS
  RT   TRANSPORTATION
     % VEHICLES

MOTORS
  0301 0904 1003 1504 2801 2808
  SN   (LIMITED TO MACHINES SUPPLIED WITH
       EXTERNAL ENERGY WHICH IS CONVERTED
       INTO FORCE AND/OR MOTION--SEE
       ENGINES FOR MACHINES WITH
       SELF-CONTAINED POWER SOURCES)
  GS  #MOTORS
       .ELECTRIC MOTORS
       ..ASYNCHRONOUS MOTORS
       ..INDUCTION MOTORS
       ..MICROMOTORS
       ..STEPPING MOTORS
       ..SYNCHRONOUS MOTORS
       ..TORQUE MOTORS
       .SERVOMOTORS
  RT   APOGEE BOOST MOTORS
     % ELECTRIC EQUIPMENT
       ENERGY CONVERSION EFFICIENCY
       ENGINES
     % GENERATORS
       HYDRAULIC EQUIPMENT
       STATORS

MOTS (TRACKING SYSTEM)
  USE  MINITRACK SYSTEM

MOUNTAIN INHABITANTS
  0401 0402 0404 0405 0408 0502
  GS   COMMUNITIES
       .INHABITANTS
       .#MOUNTAIN INHABITANTS
  RT   ALTITUDE ACCLIMATIZATION
       HIGH ALTITUDE ENVIRONMENTS
       LOW TEMPERATURE ENVIRONMENTS

MOUNTAINS
  1306 1308
  GS   LANDFORMS
       #MOUNTAINS
       ..ADIRONDACK MOUNTAINS (NY)
       ..ALPS MOUNTAINS (EUROPE)
       ..ANDES MOUNTAINS (SOUTH AMERICA)
       ..APPALACHIAN MOUNTAINS (NORTH
         AMERICA)
       ..BIGHORN MOUNTAINS (MT-WY)
       ..BLACK HILLS (SD-WY)
       ..CARPATHIAN MOUNTAINS (EUROPE)
       ..CASCADE RANGE (CA-OR-WA)
       ..CAUCASUS MOUNTAINS (U.S.S.R.)
       ..COASTAL RANGES (CA)
       ..GREAT SMOKY MOUNTAINS (NC-TN)
       ..HIMALAYAS
       ..PENINSULAR RANGES (CA)
       ..PYRENEES MOUNTAINS (EUROPE)
       ..ROCKY MOUNTAINS (NORTH AMERICA)
       ..SAN JUAN MOUNTAINS (CO)
       ..SIERRA NEVADA MOUNTAINS (CA)
       ..WIND RIVER RANGE (WY)
       ..WRANGELL MOUNTAINS (AK)
  RT   CENTRAL PIEDMONT (US)
       CIRQUES (LANDFORMS)
       CONES (VOLCANOES)
       CONTINENTS
       DIVIDES (LANDFORMS)
       FORMATIONS
       GAPS (GEOLOGY)
       GEOMORPHOLOGY
       HIGHLANDS
       MARS VOLCANOES
       MASSIFS
       MESAS
       OROGRAPHY
     % PEAKS
       PEAKS (LANDFORMS)
       PIEDMONTS
       PIKE'S PEAK (CO)
     % RIDGES
       TERRACES (LANDFORMS)
       VOLCANOES
       VOLCANOLOGY
       WATERSHEDS

MOUNTING
  0202 1504 1507 2806 3404 3407
  GS  #MOUNTING
       .RIGID MOUNTING
  RT   ASSEMBLING
     % ATTACHMENT
       BRACKETS
     % JOINING
       SUSPENDING (HANGING)

MOUNTS
  USE  SUPPORTS

MOUTH
  0404 0405 0508
  GS   ANATOMY
       .DIGESTIVE SYSTEM
       .#MOUTH
       .FACE (ANATOMY)
       .#MOUTH
       ...LIPS (ANATOMY)
  RT   SALIVARY GLANDS
       TEETH
       TONGUE

MOVEMENT
  USE  MOTION

MOVING TARGET INDICATORS
  0705 0709 3401
  UF   MTI RADAR
  GS   RADAR
       #MOVING TARGET INDICATORS
  RT   CANCELLATION CIRCUITS
       COHERENT RADAR
       DOPPLER RADAR
       OVER-THE-HORIZON RADAR
       RADAR CROSS SECTIONS
       RADAR TRACKING
       TARGET ACQUISITION

MOZAMBIQUE
  1305
  GS   NATIONS
       #MOZAMBIQUE
  RT   AFRICA

MPP (COMPUTERS)
  USE  MASSIVELY PARALLEL PROCESSORS

MR-3 FLIGHT
  USE  MERCURY MR-3 FLIGHT

MRAC (SYSTEMS)
  USE  MODEL REFERENCE ADAPTIVE CONTROL

MRCA AIRCRAFT
  0207 0209
  UF   MULTI-ROLE COMBAT AIRCRAFT
       TORNADO AIRCRAFT
  RT % AIRCRAFT
       ATTACK AIRCRAFT
       FIGHTER AIRCRAFT
```

% MILITARY AIRCRAFT

MRKOS COMET
3001 3005
GS CELESTIAL BODIES
.COMETS
.#MRKOS COMET
RT SOLAR SYSTEM

MSAT
1901
GS ARTIFICIAL SATELLITES
.COMMUNICATION SATELLITES
.#MSAT
RT GROUND STATIONS
LAND MOBILE SATELLITE SERVICE
MARITIME SATELLITES
MOBILE COMMUNICATION SYSTEMS
RADIO COMMUNICATION
RADIO RELAY SYSTEMS
SATELLITE TRANSMISSION

MSBLS
USE MICROWAVE SCANNING BEAM LANDING SYSTEM

MSM (SEMICONDUCTORS)
0903 0906
UF METAL-SEMICONDUCTOR-METAL SEMICONDUCTORS
GS ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
..#MSM (SEMICONDUCTORS)
RT MIM DIODES
PHOTODIODES
SCHOTTKY DIODES
SEMICONDUCTOR JUNCTIONS
SIS (SEMICONDUCTORS)

MSRE REACTORS
USE MOLTEN SALT NUCLEAR REACTORS

MTBF
1505 1905 4001
UF MEAN TIME BETWEEN FAILURES
GS TIME
#MTBF
RT DOWNTIME
FAILURE ANALYSIS
FAILURE MODES
LIFE (DURABILITY)
RATES (PER TIME)
RELIABILITY
STATISTICAL ANALYSIS

MTF
USE MODULATION TRANSFER FUNCTION

MTFF (SPACE STATION)
USE MAN TENDED FREE FLYERS

MTI RADAR
USE MOVING TARGET INDICATORS

MUBIS (SCANNERS)
USE MULTIPLE BEAM INTERVAL SCANNERS

MUCOCELES
0405 0406 0408
GS CYSTS
#MUCOCELES
RT % BLISTERS

MUCUS
0404 0405
GS BODY FLUIDS
#MUCUS
RT SALIVA

MUD
1306 2001
GS SEDIMENTS
#MUD
SOILS
#MUD
RT ALLUVIUM
CLAYS
FANS (LANDFORMS)
GROUT
OCEAN BOTTOM
RAIN EROSION
SLUDGE
TIDAL FLATS

MUFFLERS
0202 0203
RT ACOUSTIC RETROFITTING
AIRCRAFT NOISE
ATTENUATORS
BAFFLES
DAMPING
% DIFFUSERS
EXHAUST SYSTEMS
FURNACES
JET AIRCRAFT NOISE
NOISE (SOUND)
NOISE REDUCTION
PROPELLER NOISE
ROCKET ENGINE NOISE
SILENCERS
SUPPRESSORS

MULBERRY (ALLOY)
1701
GS ALLOYS
#MULBERRY (ALLOY)
RT ANTIMONY ALLOYS
MOLYBDENUM ALLOYS

MULLITES
0603 1806
RT ALUMINUM SILICATES
MINERALS

MULTI-ANODE MICROCHANNEL ARRAYS
2311
GS ARRAYS
#MULTI-ANODE MICROCHANNEL ARRAYS
RT ANODES
MICROCHANNELS
RADIATION DETECTORS
SPACEBORNE TELESCOPES
TELESCOPES
X RAY DETECTORS

MULTI-ROLE COMBAT AIRCRAFT
USE MRCA AIRCRAFT

MULTIBEAM ANTENNAS
0701
GS ANTENNAS
#MULTIBEAM ANTENNAS
RT BEAMS (RADIATION)
LENS ANTENNAS
MICROWAVE ANTENNAS
REFLECTOR ANTENNAS
SATELLITE ANTENNAS
SATELLITE COMMUNICATION

MULTICHANNEL COMMUNICATION
0702 0705
GS TELECOMMUNICATION
#MULTICHANNEL COMMUNICATION
RT CODE DIVISION MULTIPLE ACCESS
INTERFERENCE FACTOR TABLE
MULTIPLE ACCESS
RADIO TRANSMITTERS
TELECONFERENCING
TIME DIVISION MULTIPLE ACCESS

MULTICHANNEL PLATES
USE MICROCHANNEL PLATES

MULTIENGINE VEHICLES

```
  0201 1103 1108 1504 2801 2808 3110
  3501
  RT % AIRCRAFT
       B-1 AIRCRAFT
       LAUNCH VEHICLES
       LIGHT TRANSPORT AIRCRAFT
       MISSILE CONFIGURATIONS
       MISSILES
       MULTISTAGE ROCKET VEHICLES
       RECOVERABLE LAUNCH VEHICLES
       ROCKET VEHICLES
     % VEHICLES

MULTIGRID METHODS
  1902 1903
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       ..APPROXIMATION
       ..#MULTIGRID METHODS
  RT   COMPUTATIONAL FLUID DYNAMICS
       COMPUTATIONAL GRIDS
       FINITE DIFFERENCE THEORY
       FINITE ELEMENT METHOD
       GRID GENERATION (MATHEMATICS)
       ITERATION
       ITERATIVE SOLUTION

MULTILAYER INSULATION
  2303 3303 3305 3501
  GS   INSULATION
       #MULTILAYER INSULATION
       INTERLAYERS
       #MULTILAYER INSULATION
  RT   COMPOSITE MATERIALS
       CRYOGENIC FLUID STORAGE
       FABRICS
     % FOILS
       FOILS (MATERIALS)
       LAMINATES
     % LAYERS
       METAL FOILS
       PLY ORIENTATION
       SANDWICH STRUCTURES
     % SHEETS

MULTILAYER STRUCTURES
  USE  LAMINATES

MULTILOOP SYSTEMS
  USE  CASCADE CONTROL

MULTIMEDIA
  0803 9001
  UF   HYPERMEDIA
       INTERACTIVE MULTIMEDIA
       INTERMEDIA
  RT   AUDIO VISUAL EQUIPMENT
       AUDIO VISUAL MATERIAL
       COMPUTER GRAPHICS
       GRAPHIC ARTS
       IMAGING TECHNIQUES
       INFORMATION SYSTEMS
       TELECONFERENCING
       TRAINING DEVICES
       VIDEO COMMUNICATION
       VIDEO DATA
       VIDEO TAPE RECORDERS
       VIDEO TAPES
       VISUAL AIDS
       VOICE COMMUNICATION

MULTIMISSION MODULAR SPACECRAFT
  3107
  UF   MMS
  RT   BESS (SATELLITE)
       LANDSAT FOLLOW-ON MISSIONS
       SATELLITE NETWORKS
       SOLAR MAXIMUM MISSION

MULTIMODE RESONATORS
  0701 0705 0905
  GS   RESONATORS
       #MULTIMODE RESONATORS
  RT   CAVITY RESONATORS
       MAGNETRONS
       PROPAGATION MODES

MULTIPACTOR DISCHARGES
  0705 0904 0905 2304
  GS   ELECTRIC CURRENT
       .ELECTRIC DISCHARGES
       .#MULTIPACTOR DISCHARGES
  RT   LINEAR ACCELERATORS
       PHOTOMULTIPLIER TUBES
       SECONDARY EMISSION
       SPARK GAPS

MULTIPATH TRANSMISSION
  0702 0710 2402
  GS   TRANSMISSION
       .ELECTROMAGNETIC WAVE TRANSMISSION
       ..RADIO TRANSMISSION
       ..#MULTIPATH TRANSMISSION
       .SIGNAL TRANSMISSION
       ..RADIO TRANSMISSION
       ..#MULTIPATH TRANSMISSION
  RT   CEPSTRAL ANALYSIS
       DIFFRACTION PATHS
       FERMAT PRINCIPLE
       MULTISTATIC RADAR
       OPTICAL PATHS
     % PATHS
       RADIO WAVES
       SOUND TRANSMISSION
       WAVE PROPAGATION

MULTIPHASE FLOW
  1202 1203 1204
  UF   MIXED FLOW
  GS   FLUID FLOW
       #MULTIPHASE FLOW
       ..TWO PHASE FLOW
  RT   CONICAL FLOW
       CRITICAL FLOW
       CROCCO-LEE THEORY
       FLOW DISTORTION
       FLOW MEASUREMENT
       GAS FLOW
       LAMINAR FLOW
       LIQUID FLOW
       MASS FLOW
       ORIFICE FLOW
       PIPE FLOW
       PRESSURE GRADIENTS
       SINGLE-PHASE FLOW
       SOLIDS FLOW
       STEADY FLOW
       STEAM FLOW
       SUBCRITICAL FLOW
       SUPERCRITICAL FLOW
       TURBULENT FLOW
       UNIFORM FLOW
       UNSTEADY FLOW

MULTIPHOTON ABSORPTION
  2402
  GS   ENERGY ABSORPTION
       .RADIATION ABSORPTION
       ..ELECTROMAGNETIC ABSORPTION
       ..#MULTIPHOTON ABSORPTION
  RT % ABSORPTION
       PHOTON ABSORPTIOMETRY

MULTIPLE ACCESS
  0703
  GS   TELECOMMUNICATION
       #MULTIPLE ACCESS
       ..ALOHA SYSTEM
       ..CODE DIVISION MULTIPLE ACCESS
       ..DEMAND ASSIGNMENT MULTIPLE ACCESS
       ..FREQUENCY DIVISION MULTIPLE
         ACCESS
       ..TIME DIVISION MULTIPLE ACCESS
       TRANSMISSION
       .SIGNAL TRANSMISSION
```

..DATA TRANSMISSION
..#MULTIPLE ACCESS
....ALOHA SYSTEM
....CODE DIVISION MULTIPLE ACCESS
....FREQUENCY DIVISION MULTIPLE ACCESS
RT ACCESS CONTROL
FREQUENCY DIVISION MULTIPLEXING
MULTICHANNEL COMMUNICATION
PACKET SWITCHING
PULSE COMMUNICATION
WIDEBAND COMMUNICATION

MULTIPLE BEAM INTERVAL SCANNERS
0701 0702 0705 0901
UF MUBIS (SCANNERS)
GS ANTENNAS
#MULTIPLE BEAM INTERVAL SCANNERS
RT LINEAR ARRAYS
RADAR SCANNING

MULTIPLE DOCKING ADAPTERS
3110 1504 3203 3502
UF MDA
GS ADAPTERS
#MULTIPLE DOCKING ADAPTERS
RT AIRLOCK MODULES
MOORING
ORBITAL RENDEZVOUS
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACECRAFT DOCKING

MULTIPLE FREQUENCY RADAR
USE MULTISPECTRAL RADAR

MULTIPLE INPUT MULTIPLE OUTPUT
USE MIMO (CONTROL SYSTEMS)

MULTIPLE INSTRUCTION MULTIPLE DATA STREAM
USE MIMD (COMPUTERS)

MULTIPLE OUTPUT PROGRAMS
0802 0803
GS COMPUTER PROGRAMS
#MULTIPLE OUTPUT PROGRAMS
RT MULTIPROGRAMMING
READOUT
TIME SHARING

MULTIPLE TARGET TRACKING
0709
GS TRACKING (POSITION)
#MULTIPLE TARGET TRACKING
RT OPTICAL TRACKING
RADAR TARGETS
RADAR TRACKING
TARGET ACQUISITION
TARGET RECOGNITION
TARGETS
TRACKING FILTERS
TRACKING PROBLEM

MULTIPLE TARGET TRAJECTORY SYSTEMS
USE MATTS (SYSTEMS)

MULTIPLETS
USE FINE STRUCTURE

MULTIPLEX TRANSMISSION
USE MULTIPLEXING

MULTIPLEXERS
USE MULTIPLEXING

MULTIPLEXING
0705 0708 0710 0802 3407
UF MULTIPLEX TRANSMISSION
MULTIPLEXERS
GS TRANSMISSION
#MULTIPLEXING
..CODE DIVISION MULTIPLEXING
..FREQUENCY DIVISION MULTIPLEXING
..TIME DIVISION MULTIPLEXING
..WAVELENGTH DIVISION MULTIPLEXING
RT ACCESS CONTROL
CARRIER FREQUENCIES
CODE DIVISION MULTIPLE ACCESS
DATA TRANSMISSION
DEMULTIPLEXING
FREQUENCY DIVISION MULTIPLE ACCESS
PULSE COMMUNICATION
RADIO TRANSMISSION
SATELLITE TRANSMISSION
SIGNAL TRANSMISSION

MULTIPLICATION
1902
GS NUMBER THEORY
#MULTIPLICATION
RT ARITHMETIC
COMPUTATION
FRINGE MULTIPLICATION

MULTIPLIER PHOTOTUBES
USE PHOTOMULTIPLIER TUBES

MULTIPLIERS
0902 1002 1902
GS #MULTIPLIERS
.CHANNEL MULTIPLIERS
RT LAGRANGE MULTIPLIERS
LOGIC CIRCUITS
PHOTOMULTIPLIER TUBES

MULTIPOLAR FIELDS
2304 2307 2402
RT CONTINUUM MECHANICS
FIELD THEORY (PHYSICS)
GRAVITATIONAL FIELDS
MAGNETIC FIELDS
MULTIPOLES

MULTIPOLES
0603 0604 2401 2404 3408
RT MONOPOLES
MULTIPOLAR FIELDS

MULTIPROCESSING (COMPUTERS)
0801 0802
GS DATA PROCESSING
#MULTIPROCESSING (COMPUTERS)
RT ASSOCIATIVE PROCESSING (COMPUTERS)
COMPUTERS
CONCURRENT PROCESSING
CONNECTION MACHINE
DATA PROCESSING EQUIPMENT
HYPERCUBE MULTIPROCESSORS
INTERPROCESSOR COMMUNICATION
MULTIPROGRAMMING
PARALLEL PROGRAMMING
PIPELINING (COMPUTERS)
REAL TIME OPERATION
SUPERCOMPUTERS
TIME SHARING
VECTOR PROCESSING (COMPUTERS)

MULTIPROGRAMMING
0802 0803
UF MULTITASKING (COMPUTERS)
GS COMPUTER PROGRAMMING
#MULTIPROGRAMMING
RT MACHINE-INDEPENDENT PROGRAMS
MULTIPLE OUTPUT PROGRAMS
MULTIPROCESSING (COMPUTERS)
PIPELINING (COMPUTERS)
% PROGRAMMING
TIME SHARING

MULTIPROPELLANTS

```
  USE  ROCKET PROPELLANTS

MULTIRADAR TRACKING
  USE  RADAR NETWORKS

MULTISENSOR APPLICATIONS
  1409
  RT   IMAGE PROCESSING
       IMAGING TECHNIQUES
       PATTERN RECOGNITION
       REMOTE SENSING
       REMOTE SENSORS

MULTISPECTRAL BAND CAMERAS
  1401 1404 1407 1412
  GS   OPTICAL EQUIPMENT
       .CAMERAS
       .#MULTISPECTRAL BAND CAMERAS
       PHOTOGRAPHIC EQUIPMENT
       .CAMERAS
       .#MULTISPECTRAL BAND CAMERAS
  RT   INFRARED PHOTOGRAPHY
       PHOTOGRAPHY

MULTISPECTRAL BAND SCANNERS
  0705 0905 1404 1406 1407 1409
  GS   OPTICAL EQUIPMENT
       .OPTICAL SCANNERS
       .#MULTISPECTRAL BAND SCANNERS
       ...THEMATIC MAPPERS (LANDSAT)
       SCANNERS
       .OPTICAL SCANNERS
       .#MULTISPECTRAL BAND SCANNERS
       ...THEMATIC MAPPERS (LANDSAT)
  RT   BAND RATIOING
       CHANGE DETECTION
       COASTAL ZONE COLOR SCANNER
       EARTH OBSERVATIONS (FROM SPACE)
       IMAGING TECHNIQUES
       INFRARED SCANNERS
       OCEAN COLOR SCANNER
       PANORAMIC SCANNING
       PHOTOGRAPHY
       RADIOMETRIC CORRECTION
       RADIOMETRIC RESOLUTION
       SCANNING
       SPACEBORNE PHOTOGRAPHY
       SPECTRAL RECONNAISSANCE
       VEGETATIVE INDEX

MULTISPECTRAL LINEAR ARRAYS
  0906
  UF   MLA
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       .#MULTISPECTRAL LINEAR ARRAYS
       SPACECRAFT INSTRUMENTS
       .SATELLITE INSTRUMENTS
       .#MULTISPECTRAL LINEAR ARRAYS
  RT % DETECTORS
     % SENSORS

MULTISPECTRAL PHOTOGRAPHY
  1401 1402 1404 1407
  GS   PHOTOGRAPHY
       #MULTISPECTRAL PHOTOGRAPHY
       ..INFRARED PHOTOGRAPHY
       ...COLOR INFRARED PHOTOGRAPHY
       ..RADAR PHOTOGRAPHY
  RT   CHANGE DETECTION
       CROP IDENTIFICATION
       EARTH OBSERVATIONS (FROM SPACE)
       IMAGE RESOLUTION
       IMAGERY
       IMAGING TECHNIQUES
       I2S CAMERAS
       SPECTRAL RECONNAISSANCE

MULTISPECTRAL RADAR
  0705
  UF   DUAL FREQUENCY RADAR
       MULTIPLE FREQUENCY RADAR
  GS   RADAR
       #MULTISPECTRAL RADAR
  RT   IMAGERY
       IMAGING TECHNIQUES
       SPECTRAL RECONNAISSANCE

MULTISPECTRAL RESOURCE SAMPLER
  0705
  GS   ARTIFICIAL SATELLITES
       #MULTISPECTRAL RESOURCE SAMPLER
  RT   REMOTE SENSING

MULTISPECTRAL TRACKING TELESCOPES
  1411 1412 3001
  GS   TELESCOPES
       .SPECTROSCOPIC TELESCOPES
       .#MULTISPECTRAL TRACKING TELESCOPES
  RT   OPTICAL MEASURING INSTRUMENTS
       OPTICAL TRACKING
       TRACKING (POSITION)

MULTISTAGE COMPRESSORS
  USE  TURBOCOMPRESSORS

MULTISTAGE ROCKET VEHICLES
  3103 3105 3106 3110
  GS   ROCKET VEHICLES
       #MULTISTAGE ROCKET VEHICLES
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..ABLESTAR LAUNCH VEHICLE
..ANTARES ROCKET VEHICLE
..ARGO ROCKET VEHICLES
..ARIANE LAUNCH VEHICLE
..ASTROBEE ROCKET VEHICLES
...ASTROBEE 1500 ROCKET VEHICLE
..ATHENA ROCKET VEHICLE
..ATLAS LAUNCH VEHICLES
...ATLAS ABLE 5 LAUNCH VEHICLE
...ATLAS AGENA B LAUNCH VEHICLE
...ATLAS AGENA LAUNCH VEHICLES
...ATLAS CENTAUR LAUNCH VEHICLE
...ATLAS SLV-3 LAUNCH VEHICLE
..BERENICE ROCKET VEHICLE
..BLACK KNIGHT ROCKET VEHICLE
..BLUE SCOUT ROCKET VEHICLE
..DIAMANT LAUNCH VEHICLE
..ELDO LAUNCH VEHICLE
..EXOS SOUNDING ROCKET
..JAGUAR ROCKET VEHICLE
..JAVELIN ROCKET VEHICLE
..JUNO LAUNCH VEHICLES
...JUNO 1 LAUNCH VEHICLE
...JUNO 2 LAUNCH VEHICLE
..JUPITER C ROCKET VEHICLE
..KAPPA ROCKET VEHICLES
...KAPPA 8 ROCKET VEHICLE
...KAPPA 9 ROCKET VEHICLE
..LAMBDA ROCKET VEHICLES
..LITTLE JOE 2 LAUNCH VEHICLE
..NIKE ROCKET VEHICLES
...NIKE-APACHE ROCKET VEHICLE
...NIKE-CAJUN ROCKET VEHICLE
...NIKE-HYDAC ROCKET VEHICLE
...NIKE-IROQUOIS ROCKET VEHICLE
...NIKE-JAVELIN ROCKET VEHICLE
...NIKE-TOMAHAWK ROCKET VEHICLE
..NOVA LAUNCH VEHICLES
..PEGASUS AIR-LAUNCHED BOOSTER
..PHOENIX SOUNDING ROCKET
..RAM B LAUNCH VEHICLE
..RUBIS ROCKET VEHICLE
..SATURN LAUNCH VEHICLES
...SATURN D LAUNCH VEHICLE
...SATURN 1 LAUNCH VEHICLES
....SATURN 1 SA-1 LAUNCH VEHICLE
....SATURN 1 SA-2 LAUNCH VEHICLE
....SATURN 1 SA-3 LAUNCH VEHICLE
....SATURN 1 SA-4 LAUNCH VEHICLE
....SATURN 1 SA-5 LAUNCH VEHICLE
....SATURN 1 SA-6 LAUNCH VEHICLE
....SATURN 1 SA-7 LAUNCH VEHICLE
....SATURN 1 SA-8 LAUNCH VEHICLE
....SATURN 1 SA-9 LAUNCH VEHICLE
....SATURN 1 SA-10 LAUNCH VEHICLE
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...SATURN 1B LAUNCH VEHICLES
...SATURN 2 LAUNCH VEHICLES
...SATURN 5 LAUNCH VEHICLES
..SCOUT LAUNCH VEHICLE
..SKYLARK ROCKET VEHICLE
..THOR LAUNCH VEHICLES
...THOR ABLE ROCKET VEHICLE
...THOR AGENA LAUNCH VEHICLE
...THOR DELTA LAUNCH VEHICLE
..TITAN LAUNCH VEHICLES
...TITAN 3 LAUNCH VEHICLE
...TITAN 4 LAUNCH VEHICLE
..VANGUARD 2 LAUNCH VEHICLE
..VEGA LAUNCH VEHICLE
..WASP SOUNDING ROCKET
RT AIR LAUNCHING
EXPENDABLE STAGES (SPACECRAFT)
INTERIM STAGES (SPACECRAFT)
LAUNCH VEHICLES
MINUTEMAN ICBM
MULTIENGINE VEHICLES
NAVAHO MISSILE
PAYLOAD MASS RATIO
PERSHING MISSILE
PIGGYBACK SYSTEMS
POLARIS MISSILES
PROPULSIVE EFFICIENCY
ROCKET ENGINES
SS-11 MISSILE
STAGE SEPARATION
SUNBLAZER SPACE PROBE
TALOS MISSILE
TERRIER MISSILE
TITAN ICBM
TRAILBLAZER 1 REENTRY VEHICLE
TRAILBLAZER 2 REENTRY VEHICLE
UPPER STAGE ROCKET ENGINES
% VEHICLES

MULTISTATIC RADAR
0703
UF BISTATIC RADAR
GS RADAR
.DOPPLER RADAR
.#MULTISTATIC RADAR
.SURVEILLANCE RADAR
.#MULTISTATIC RADAR
RT MULTIPATH TRANSMISSION
PULSE RADAR
RADAR DETECTION
TARGET RECOGNITION

MULTITASKING (COMPUTERS)
USE MULTIPROGRAMMING

MULTITEMPORAL ANALYSIS
USE TEMPORAL RESOLUTION

MULTIVARIABLE CONTROL
1003 2102 3406
RT % CONTROL
CONTROL THEORY
FEEDBACK CONTROL
OPTIMAL CONTROL

MULTIVARIATE STATISTICAL ANALYSIS
1902 1905
GS STATISTICAL ANALYSIS
.VARIANCE (STATISTICS)
.#MULTIVARIATE STATISTICAL ANALYSIS
...BIVARIATE ANALYSIS
...COVARIANCE
...REGRESSION ANALYSIS
RT % ANALYZING
CORRELATION
DISCRIMINANT ANALYSIS (STATISTICS)
% VARIANCE

MULTIVIBRATORS
0801 0902 1201
GS CIRCUITS
#MULTIVIBRATORS
..FLIP-FLOPS
..MONOSTABLE MULTIVIBRATORS
RT AMPLIFIERS
BISTABLE CIRCUITS
LOGIC CIRCUITS
OSCILLATORS
POSITIVE FEEDBACK
SWITCHING CIRCUITS
TRIGGER CIRCUITS

MUON SPIN ROTATION
2405
GS GYRATION
.ROTATION
.#MUON SPIN ROTATION
RT CHARGED PARTICLES
HYPERFINE STRUCTURE
MUONS
PARTICLE DIFFUSION
PARTICLE SPIN
PRECESSION

MUONIUM
2401 2403
RT ELECTRONS
MESONS

MUONS
2403 2405
GS PARTICLES
.ELEMENTARY PARTICLES
..BOSONS
...MESONS
...#MUONS
..FERMIONS
...LEPTONS
...#MUONS
..HADRONS
...MESONS
...#MUONS
.NUCLEAR PARTICLES
..BOSONS
...MESONS
...#MUONS
RT BARYONS
CHARGED PARTICLES
ELECTRON DECAY RATE
MUON SPIN ROTATION

MURCHISON METEORITE
3005
GS CELESTIAL BODIES
.METEORITES
..STONY METEORITES
...CARBONACEOUS METEORITES
....CARBONACEOUS CHONDRITES
....#MURCHISON METEORITE
...CHONDRITES
....CARBONACEOUS CHONDRITES
....#MURCHISON METEORITE

MURRAY METEORITE
3005
GS CELESTIAL BODIES
.METEORITES
..STONY METEORITES
...CARBONACEOUS METEORITES
....CARBONACEOUS CHONDRITES
....#MURRAY METEORITE
...CHONDRITES
....CARBONACEOUS CHONDRITES
....#MURRAY METEORITE

MUSCLE RELAXANTS
0404 0405 0408
GS DRUGS
#MUSCLE RELAXANTS

MUSCLES
0403 0404
GS ANATOMY
.MUSCULOSKELETAL SYSTEM
.#MUSCLES

...CONSTRICTORS
...FLEXORS
...TENDONS
RT ALDOLASE
ATAXIA
CONGENERS
CONVULSIONS
ELECTROCARDIOGRAPHY
FIBRILLATION
HEART
HYPODYNAMIA
MUSCULAR FATIGUE
MUSCULAR STRENGTH
MUSCULAR TONUS
MYOELECTRIC POTENTIALS
MYOELECTRICITY
MYOGLOBIN
SPASMS
TWITCHING

MUSCOVITE
1806
GS ALUMINUM COMPOUNDS
#MUSCOVITE
CHALCOGENIDES
.OXIDES
..SILICON OXIDES
..#MUSCOVITE
MINERALS
.MICA
.#MUSCOVITE
SILICON COMPOUNDS
.SILICON OXIDES
.#MUSCOVITE

MUSCULAR FATIGUE
0401 0408
GS FATIGUE (BIOLOGY)
#MUSCULAR FATIGUE
RT MUSCLES
MUSCULOSKELETAL SYSTEM
STRESS (PHYSIOLOGY)

MUSCULAR FUNCTION
0404 0408
GS #MUSCULAR FUNCTION
.SPASMS
RT CRAMPS
% FUNCTIONS
HYPODYNAMIA
HYPOKINESIA
HYPOTONIA
MECHANOGRAMS
TWITCHING

MUSCULAR STRENGTH
0404 0408
RT MUSCLES
MUSCULOSKELETAL SYSTEM
% STRENGTH

MUSCULAR TONUS
0404 0405 0408
UF TONUS
GS #MUSCULAR TONUS
.HYPOTONIA
RT EXERCISE PHYSIOLOGY
MUSCLES

MUSCULOSKELETAL SYSTEM
0404 0408
UF SKELETON
GS ANATOMY
#MUSCULOSKELETAL SYSTEM
..BONES
...FEMUR
...PELVIS
...SCAPULA
...SKULL
....CRANIUM
.....INTRACRANIAL CAVITY
....MASTOIDS
...SPINE
....VERTEBRAE
...STERNUM
...TIBIA
...ULNA
..CONNECTIVE TISSUE
...BONE MARROW
...CARTILAGE
...COLLAGENS
..JOINTS (ANATOMY)
...ELBOW (ANATOMY)
...KNEE (ANATOMY)
...WRIST
..MUSCLES
...CONSTRICTORS
...FLEXORS
...TENDONS
RT EXOSKELETONS
HYPOKINESIA
INTERVERTEBRAL DISKS
MUSCULAR FATIGUE
MUSCULAR STRENGTH
SCIATIC REGION
STRIATION
% SYSTEMS

MUSEUMS
3402 3403
RT ANTHROPOLOGY
ARTIFACTS
BUILDINGS
COLLECTION
HISTORIES
LIBRARIES

MUSHY ZONES
1701
UF LIQUID PLUS SOLID ZONES
RT CASTING
COOLING
METALLOGRAPHY
PHASE TRANSFORMATIONS
SOLIDIFICATION

MUSIC
0410 0506
RT ARTS
OCTAVES

MUSKEGS
1306
GS LANDFORMS
#MUSKEGS
RT ARCTIC REGIONS
MARSHLANDS
SOILS
TOPOGRAPHY
WATER

MUSTANG AIRCRAFT
USE P-51 AIRCRAFT

MUTAGENS
0404
RT AIR POLLUTION
BIOCHEMISTRY
BIOLOGICAL EVOLUTION
CELLS (BIOLOGY)
CHEMICAL ANALYSIS
GENETICS
MUTATIONS

MUTATIONS
0404 0406 0411
RT BIOLOGICAL EVOLUTION
CELLS (BIOLOGY)
CHROMOSOMES
GENES
GENETICS
MITOSIS
MUTAGENS
NUCLEOGENESIS
RADIATION HAZARDS

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MX MISSILE
  3101
  GS    MISSILES
        .SURFACE TO SURFACE MISSILES
        ..INTERCONTINENTAL BALLISTIC
          MISSILES
        ..#MX MISSILE
  RT    MISSILE SILOS

MYELIN
  0404 0405
  RT    FATS
        LIPIDS
        NERVES
        NERVOUS SYSTEM
        NEURONS

MYLAR (TRADEMARK)
  1802 1808
  GS    POLYMERIC FILMS
        #MYLAR (TRADEMARK)
  RT    POLYETHYLENE TEREPHTHALATE
     % POLYMERS

MYOCARDIAL INFARCTION
  0404 0405 0408
  GS    DISEASES
        .HEART DISEASES
        ..INFARCTION
        ..#MYOCARDIAL INFARCTION
  RT    ARTERIOSCLEROSIS
        BLOOD COAGULATION
        CORONARY ARTERY DISEASE
        HYPERTENSION
        THROMBOSIS

MYOCARDIUM
  0404 0405
  GS    ANATOMY
        .CIRCULATORY SYSTEM
        ..CARDIOVASCULAR SYSTEM
        ...HEART
        ...#MYOCARDIUM
  RT    ANGINA PECTORIS

MYOELECTRIC POTENTIALS
  0401 0404 0405
  GS    MYOELECTRICITY
        #MYOELECTRIC POTENTIALS
  RT    MUSCLES
     % POTENTIAL

MYOELECTRICITY
  0401 0404 0405
  GS    #MYOELECTRICITY
        .MYOELECTRIC POTENTIALS
  RT    ELECTROMYOGRAPHY
        MUSCLES

MYOGLOBIN
  0403 0404
  GS    BIOPOLYMERS
        .PROTEINS
        .#MYOGLOBIN
        ORGANIC COMPOUNDS
        .PROTEINS
        .#MYOGLOBIN
  RT    MUSCLES
        PIGMENTS

MYOPIA
  0405 0408
  RT    VISION

MYSTERE 20 AIRCRAFT
  0201 0204
  UF    DASSAULT MYSTERE 20 AIRCRAFT
  GS    DASSAULT AIRCRAFT
        #MYSTERE 20 AIRCRAFT
        JET AIRCRAFT
        .TURBOFAN AIRCRAFT
        .#MYSTERE 20 AIRCRAFT
        LIGHT AIRCRAFT
        #MYSTERE 20 AIRCRAFT
        MONOPLANES
        #MYSTERE 20 AIRCRAFT
        PASSENGER AIRCRAFT
        #MYSTERE 20 AIRCRAFT
        TRANSPORT AIRCRAFT
        #MYSTERE 20 AIRCRAFT

MYSTERE 50 AIRCRAFT
  0102
  UF    DASSAULT MYSTERE 50 AIRCRAFT
  RT    DASSAULT AIRCRAFT
        JET AIRCRAFT
        LIGHT AIRCRAFT
        PASSENGER AIRCRAFT
        TRANSPORT AIRCRAFT
        TURBOFAN AIRCRAFT

N ELECTRONS
  2304 2401 2403
  GS    PARTICLES
        .CHARGED PARTICLES
        ..ENERGETIC PARTICLES
        ...ELECTRONS
        ...#N ELECTRONS
  RT    BETA PARTICLES

N-BODY PROBLEM
  USE   MANY BODY PROBLEM

N-N JUNCTIONS
  0904 0906 2401 2403 2405
  GS    SEMICONDUCTOR JUNCTIONS
        #N-N JUNCTIONS

N-P JUNCTIONS
  USE   P-N JUNCTIONS

N-P-N JUNCTIONS
  2602 2603
  GS    SEMICONDUCTOR JUNCTIONS
        #N-P-N JUNCTIONS
  RT    BIPOLAR TRANSISTORS

N-TYPE SEMICONDUCTORS
  2602 2603
  GS    SEMICONDUCTORS (MATERIALS)
        #N-TYPE SEMICONDUCTORS
  RT    ELECTRONS
        SCHOTTKY DIODES
        SEMICONDUCTOR JUNCTIONS
        SUHL EFFECT

N-156 AIRCRAFT
  USE   F-5 AIRCRAFT

NA-300 AIRCRAFT
  USE   OV-10 AIRCRAFT

NACELLES
  0102 0201 0202
  RT    AERODYNAMIC CONFIGURATIONS
        AIR INTAKES
        AIRFRAMES
        COWLINGS
        DUCTED BODIES
        ENGINE INLETS
        EXTERNAL STORE SEPARATION
        EXTERNAL STORES
        EXTERNAL TANKS
        FAIRINGS
        HOUSINGS
        NOSE INLETS
        PERFORATED SHELLS
        PODS (EXTERNAL STORES)
        PROTUBERANCES
        SHELLS (STRUCTURAL FORMS)
        WING-FUSELAGE STORES

NAKED SINGULARITIES
  0802 3009
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  GS   ANALYSIS (MATHEMATICS)
       .COMPLEX VARIABLES
       ..SINGULARITY (MATHEMATICS)
       ..#NAKED SINGULARITIES
  RT   ASTROPHYSICS
       BLACK HOLES (ASTRONOMY)
       COSMOLOGY
       DEGENERATE MATTER
       EVENT HORIZON
       GRAVITATIONAL COLLAPSE
       POINTS (MATHEMATICS)
       RELATIVITY
       SPACE-TIME FUNCTIONS
       THEORETICAL PHYSICS
       WHITE HOLES (ASTRONOMY)

NAKHLITES
  1306 3005
  GS   CELESTIAL BODIES
       .METEORITES
       ..STONY METEORITES
       ...ACHONDRITES
       ...#NAKHLITES
  RT   CHASSIGNITES
       SHERGOTTITES

NAMC AIRCRAFT
  USE  NIHON AIRCRAFT

NAMIBIA
  3403
  UF   SOUTH WEST AFRICA
  RT   AFRICA
       NATIONS
       REPUBLIC OF SOUTH AFRICA

NAMING
  3406 3407
  GS  #NAMING
       .NORMS
  RT   SPECIFICATIONS
       STANDARDIZATION

NAP-OF-THE-EARTH NAVIGATION
  1402
  UF   NOE NAVIGATION
  GS   NAVIGATION
       .AIR NAVIGATION
       .#NAP-OF-THE-EARTH NAVIGATION
  RT   HELICOPTERS
       IMAGE PROCESSING
       LOW ALTITUDE
       NIGHT FLIGHTS (AIRCRAFT)
       NIGHT VISION
       TARGET RECOGNITION
       TERRAIN ANALYSIS
       TERRAIN FOLLOWING AIRCRAFT

NAPHTHALENE
  0603 1808
  GS   ORGANIC COMPOUNDS
       .CYCLIC COMPOUNDS
       ..CYCLIC HYDROCARBONS
       ..#NAPHTHALENE
       .HYDROCARBONS
       ..CYCLIC HYDROCARBONS
       ..#NAPHTHALENE

NAPHTHENES
  1808
  GS   ORGANIC COMPOUNDS
       .CYCLIC COMPOUNDS
       ..CYCLIC HYDROCARBONS
       ..#NAPHTHENES
       .HYDROCARBONS
       ..CYCLIC HYDROCARBONS
       ..#NAPHTHENES

NAPPES
  USE  FOLDS (GEOLOGY)

NARCOLEPSY
  0405 0408
  GS   DISEASES
       #NARCOLEPSY

NARCOSIS
  0404 0408
  GS   UNCONSCIOUSNESS
       #NARCOSIS
  RT   PHYSIOLOGY
     % POISONING

NARCOTICS
  0404 0405 0408 0603
  GS   DRUGS
       #NARCOTICS
       ..MORPHINE
  RT   PENTOBARBITAL
       PHENOBARBITAL
       PSYCHOTROPIC DRUGS

NARROWBAND
  0701
  GS   BANDWIDTH
       #NARROWBAND
  RT % BANDS
       BROADBAND
       FREQUENCIES

NASA COMMUNICATION NETWORK
  USE  NASCOM NETWORK

NASA END-TO-END DATA SYSTEM
  USE  NEEDS (DATA SYSTEM)

NASA INTERACTIVE PLANNING SYSTEM
  0802
  UF   NIPS (SYSTEM)
  RT   COMPUTER PROGRAMS
       EARTH RESOURCES
       MANAGEMENT METHODS
       NASA PROGRAMS
       PROJECT PLANNING
       RESOURCE ALLOCATION
       RESOURCES MANAGEMENT
     % SYSTEMS

NASA PROGRAMS
  3409
  GS   PROGRAMS
       #NASA PROGRAMS
       ..ACEE PROGRAM
       ..ASSESS PROGRAM
       ..ATLIT PROJECT
       ..DAST PROGRAM
       ..NASA SPACE PROGRAMS
       ...APOLLO APPLICATIONS PROGRAM
       ...APOLLO PROJECT
       ...BIOASTRONAUTICAL ORBITAL SPACE
          SYSTEM
       ...CENTAUR PROJECT
       ...EARTH & OCEAN PHYSICS
          APPLICATIONS PROGRAM
       ...EARTH RESOURCES PROGRAM
       ....EARTH RESOURCES SURVEY PROGRAM
       .....SEASAT PROGRAM
       ...ECHO PROJECT
       ...GALILEO PROJECT
       ...GEMINI PROJECT
       ...HELIOS PROJECT
       ...JUPITER PROJECT
       ...MAGELLAN PROJECT (NASA)
       ...MARINER PROGRAM
       ....MARINER VENUS-MERCURY 1973
       ....MARINER-MERCURY 1973
       ...MARS 69 PROJECT
       ...MARS 71 PROJECT
       ...MERCURY PROJECT
       ...NATIONAL LAUNCH VEHICLE PROGRAM
       ...NEW MOONS PROJECT
       ...NIMBUS PROJECT
       ...OPEN PROJECT
       ...PIONEER PROJECT
       ...PROJECT SETI
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...RANGER PROJECT
....AGENA B RANGER PROGRAM
...ROVER PROJECT
...SAIL PROJECT
...SATURN PROJECT
...SCOUT PROJECT
...SKYLAB PROGRAM
...STARPROBE MISSION
...SURVEYOR PROJECT
...SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
...TEKTITE PROJECT
...TIROS PROJECT
...TITAN PROJECT
...VANGUARD PROJECT
...VIKING MARS PROGRAM
...VOYAGER PROJECT
..NATIONAL AEROSPACE PLANE PROGRAM
..QUIET ENGINE PROGRAM
..SUPERSONIC CRUISE AIRCRAFT RESEARCH
..TACT PROGRAM
..TERMINAL CONFIGURED VEHICLE PROGRAM
..TILT ROTOR RESEARCH AIRCRAFT PROGRAM
RT ADVANCED LAUNCH SYSTEM (STS)
AGRISTARS PROJECT
APOLLO EXTENSION SYSTEM
CANADIAN SPACE PROGRAM
COMMITTEE ON SPACE RESEARCH
COMMUNICATIONS TECHNOLOGY SATELLITE
DELAYED FLAP APPROACH
EARTH RESOURCES INFORMATION SYSTEM
GARP ATLANTIC TROPICAL EXPERIMENT
GEOGRAPHIC APPLICATIONS PROGRAM
GLOBAL ATMOSPHERIC RESEARCH PROGRAM
GRANTS
GRAVITY PROBE B
LANDSAT SATELLITES
LEASING
NASA INTERACTIVE PLANNING SYSTEM
NASTRAN
NOESS
OSS-1 PAYLOAD
PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
QUASAT
QUESTOL AIRCRAFT
% RESEARCH PROJECTS
ROTOR SYSTEMS RESEARCH AIRCRAFT
SEASAT SATELLITES
SINGLE STAGE TO ORBIT VEHICLES
SPACE PROGRAMS
SPACE TRANSPORTATION SYSTEM
SPACELAB
SPHINX
STARSITE PROGRAM
STORMSAT SATELLITE
SYNCHRONOUS EARTH OBSERVATORY SATELLITE
TECHNOLOGY UTILIZATION
TRANSIT NAVIGATION SYSTEM
UNIVERSITY PROGRAM

NASA SPACE PROGRAMS
3409 3009
GS PROGRAMS
.NASA PROGRAMS
.#NASA SPACE PROGRAMS
...APOLLO APPLICATIONS PROGRAM
...APOLLO PROJECT
...BIOASTRONAUTICAL ORBITAL SPACE SYSTEM
...CENTAUR PROJECT
...EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
...EARTH RESOURCES PROGRAM
....EARTH RESOURCES SURVEY PROGRAM
.....SEASAT PROGRAM
...ECHO PROJECT
...GALILEO PROJECT
...GEMINI PROJECT
...HELIOS PROJECT
...JUPITER PROJECT
...MAGELLAN PROJECT (NASA)
...MARINER PROGRAM
....MARINER VENUS-MERCURY 1973
....MARINER-MERCURY 1973
...MARS 69 PROJECT
...MARS 71 PROJECT
...MERCURY PROJECT
...NATIONAL LAUNCH VEHICLE PROGRAM
...NEW MOONS PROJECT
...NIMBUS PROJECT
...OPEN PROJECT
...PIONEER PROJECT
...PROJECT SETI
...RANGER PROJECT
....AGENA B RANGER PROGRAM
...ROVER PROJECT
...SAIL PROJECT
...SATURN PROJECT
...SCOUT PROJECT
...SKYLAB PROGRAM
...STARPROBE MISSION
...SURVEYOR PROJECT
...SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
...TEKTITE PROJECT
...TIROS PROJECT
...TITAN PROJECT
...VANGUARD PROJECT
...VIKING MARS PROGRAM
...VOYAGER PROJECT
.SPACE PROGRAMS
.#NASA SPACE PROGRAMS
...APOLLO APPLICATIONS PROGRAM
...APOLLO PROJECT
...BIOASTRONAUTICAL ORBITAL SPACE SYSTEM
...CENTAUR PROJECT
...EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
...EARTH RESOURCES PROGRAM
....EARTH RESOURCES SURVEY PROGRAM
.....SEASAT PROGRAM
...ECHO PROJECT
...GALILEO PROJECT
...GEMINI PROJECT
...HELIOS PROJECT
...JUPITER PROJECT
...MAGELLAN PROJECT (NASA)
...MARINER PROGRAM
....MARINER VENUS-MERCURY 1973
....MARINER-MERCURY 1973
...MARS 69 PROJECT
...MARS 71 PROJECT
...MERCURY PROJECT
...NATIONAL LAUNCH VEHICLE PROGRAM
...NEW MOONS PROJECT
...NIMBUS PROJECT
...OPEN PROJECT
...PIONEER PROJECT
...PROJECT SETI
...RANGER PROJECT
....AGENA B RANGER PROGRAM
...ROVER PROJECT
...SAIL PROJECT
...SATURN PROJECT
...SCOUT PROJECT
...SKYLAB PROGRAM
...STARPROBE MISSION
...SURVEYOR PROJECT
...SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
...TEKTITE PROJECT
...TIROS PROJECT
...TITAN PROJECT
...VANGUARD PROJECT
...VIKING MARS PROGRAM
...VOYAGER PROJECT
RT ADVANCED LAUNCH SYSTEM (STS)
CASSINI MISSION
CLUSTER MISSION

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      COMET RENDEZVOUS ASTEROID FLYBY
      MISSION
      INTERNATIONAL SPACE YEAR
      MANNED MARS MISSIONS
      MARS SAMPLE RETURN MISSIONS
      SPACE STATION FREEDOM

NASA STRUCTURAL ANALYSIS PROGRAM
  USE  NASTRAN

NASARR
  USE  NORTH AMERICAN SEARCH AND RANGING
       RADAR

NASCOM NETWORK
  0702 0707 0708 0709
  UF   NASA COMMUNICATION NETWORK
  GS   COMMUNICATING
       .POINT TO POINT COMMUNICATION
       .#NASCOM NETWORK
       COMMUNICATION NETWORKS
       #NASCOM NETWORK
  RT   FLEET SATELLITE COMMUNICATION
       SYSTEM
       GLOBAL TRACKING NETWORK
     % NETWORKS
       RADIO COMMUNICATION
       TELECOMMUNICATION

NASTRAN
  0802
  UF   NASA STRUCTURAL ANALYSIS PROGRAM
  GS   COMPUTER PROGRAMS
       .APPLICATIONS PROGRAMS (COMPUTERS)
       .#NASTRAN
  RT   BENDING MOMENTS
       COMPUTER TECHNIQUES
       DYNAMIC LOADS
       FINITE ELEMENT METHOD
       MATRIX METHODS
       NASA PROGRAMS
       STRESS ANALYSIS
       STRUCTURAL ANALYSIS

NATIONAL AEROSPACE PLANE PROGRAM
  0201 3110
  GS   PROGRAMS
       .NASA PROGRAMS
       .#NATIONAL AEROSPACE PLANE PROGRAM
  RT   AEROSPACE PLANES
       HYPERSONIC VEHICLES
       TRANSATMOSPHERIC VEHICLES
       X-30 VEHICLE

NATIONAL AIRSPACE SYSTEM
  2102
  RT   AIR TRAFFIC CONTROL
       AIRCRAFT SAFETY
       AIRPORTS
       AIRSPACE
       NATIONAL AIRSPACE UTILIZATION
       SYSTEM
       NATIONAL AVIATION SYSTEM

NATIONAL AIRSPACE UTILIZATION SYSTEM
  2102 2103 3409
  RT   AIR LAW
       AIR NAVIGATION
       AIR TRAFFIC
       AIR TRAFFIC CONTROL
       AIRCRAFT APPROACH SPACING
       AIRSPACE
       COLLISION AVOIDANCE
       FLIGHT PATHS
       FLIGHT PLANS
       FLIGHT RULES
       NATIONAL AIRSPACE SYSTEM
     % SYSTEMS

NATIONAL AVIATION SYSTEM
  0203 0702 2101
  RT   AIR TRAFFIC
       AIR TRAFFIC CONTROL
       AIR TRANSPORTATION
       AIRCRAFT APPROACH SPACING
       FLIGHT RULES
       LANDING AIDS
       NATIONAL AIRSPACE SYSTEM
     % SYSTEMS
       TRAFFIC CONTROL

NATIONAL LAUNCH VEHICLE PROGRAM
  3102 3103 3409
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#NATIONAL LAUNCH VEHICLE PROGRAM
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#NATIONAL LAUNCH VEHICLE PROGRAM
  RT   LAUNCH VEHICLES
       LAUNCHERS
       LAUNCHING
       LAUNCHING SITES

NATIONAL OCEANIC SATELLITE SYSTEM
  3107
  RT   ARTIFICIAL SATELLITES
       MARITIME SATELLITES
     % SYSTEMS

NATIONAL OPERATIONAL ENVIRONMENTAL SAT SYS
  USE  NOESS

NATIONAL PARKS
  1305
  GS   LAND
       .PARKS
       .#NATIONAL PARKS
       ...YELLOWSTONE NATIONAL PARK
          (ID-MT-WY)

NATIONAL SEVERE STORMS PROJECT
  2001 2003
  RT   METEOROLOGY
       TORNADOES
       WARNING SYSTEMS

NATIONS
  3403
  GS  #NATIONS
       .AFGHANISTAN
       .ALBANIA
       .ALGERIA
       .ANDORRA
       .ANGOLA
       .ANTIGUA AND BARBUDA
       .ARGENTINA
       .ARMENIA
       .AUSTRALIA
       .AUSTRIA
       .AZERBAIJAN
       .BAHAMAS
       .BAHRAIN
       .BANGLADESH
       .BARBADOS
       .BELARUS
       .BELGIUM
       .BELIZE
       .BENIN
       .BHUTAN
       .BOLIVIA
       .BOTSWANA
       .BRAZIL
       .BRUNEI
       .BULGARIA
       .BURKINA
       .BURMA
       .BURUNDI
       .CAMBODIA
       .CAMEROON
       .CANADA
       ..ALBERTA
       ..BRITISH COLUMBIA
       ..MANITOBA
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..NEW BRUNSWICK
..NEWFOUNDLAND
..NORTHWEST TERRITORIES
..NOVA SCOTIA
..ONTARIO
..PRINCE EDWARD ISLAND
..QUEBEC
..SASKATCHEWAN
..YUKON TERRITORY
.CAPE VERDE
.CENTRAL AFRICAN REPUBLIC
.CHAD
.CHILE
.CHINA
.COLOMBIA
.CONGO (BRAZZAVILLE)
.COSTA RICA
.COTE D'IVOIRE
.CUBA
.CYPRUS
.CZECHOSLOVAKIA
.DENMARK
.DJIBOUTI
.DOMINICA
.DOMINICAN REPUBLIC
.EAST GERMANY
.ECUADOR
.EGYPT
.EL SALVADOR
.ETHIOPIA
.FINLAND
.FRANCE
..FRENCH GUIANA
..GUADELOUPE
..MARTINIQUE
.GABON
.GAMBIA
.GEORGIA (EURASIA)
.GHANA
.GREECE
.GRENADA
.GUATEMALA
.GUINEA
.GUYANA
.HAITI
.HONDURAS
.HUNGARY
.ICELAND
.INDIA
.INDONESIA
.IRAN
.IRAQ
.IRELAND
.ISRAEL
.ITALY
.JAMAICA
.JAPAN
.JORDAN
.KAZAKHSTAN
.KENYA
.KUWAIT
.KYRGYZSTAN
.LAOS
.LEBANON
.LESOTHO
.LIBERIA
.LIBYA
.LIECHTENSTEIN
.LUXEMBOURG
.MADAGASCAR
.MALAWI
.MALAYSIA
.MALDIVE ISLANDS
.MALI
.MALTA
.MAURITANIA
.MAURITIUS
.MEXICO
.MOLDAVIA
.MONACO
.MONGOLIA
.MOROCCO
.MOZAMBIQUE
.NEPAL
.NETHERLANDS
.NEW ZEALAND
.NICARAGUA
.NIGER
.NIGERIA
.NORTH KOREA
.NORWAY
.OMAN
.PAKISTAN
.PANAMA
.PAPUA NEW GUINEA
.PARAGUAY
.PERU
.PHILIPPINES
.POLAND
.PORTUGAL
..AZORES
.QATAR
.REPUBLIC OF SOUTH AFRICA
.ROMANIA
.RUSSIAN FEDERATION
.RWANDA
.SAN MARINO
.SAUDI ARABIA
.SENEGAL
.SEYCHELLES
.SIERRA LEONE
.SIKKIM
.SINGAPORE
.SOMALIA
.SOUTH KOREA
.SOUTHERN YEMEN
.SPAIN
..CANARY ISLANDS
.SRI LANKA
.SUDAN
.SURINAM
.SWAZILAND
.SWEDEN
.SWITZERLAND
.SYRIA
.TAIWAN
.TAJIKISTAN
.TANZANIA
.THAILAND
.TIBET
.TOGO
.TRINIDAD AND TOBAGO
.TUNISIA
.TURKEY
.TURKMENISTAN
.U.S.S.R.
.UGANDA
.UKRAINE
.UNITED ARAB EMIRATES
.UNITED KINGDOM
..ENGLAND
..GIBRALTAR
..NORTHERN IRELAND
..SCOTLAND
..WALES
.UNITED STATES
..ALABAMA
..ALASKA
..ARIZONA
..ARKANSAS
..CALIFORNIA
..COLORADO
..CONNECTICUT
..DELAWARE
..FLORIDA
..GEORGIA
..HAWAII
..IDAHO
..ILLINOIS
..INDIANA
..IOWA
..KANSAS
..KENTUCKY
..LOUISIANA
..MAINE

..MARYLAND
..MASSACHUSETTS
..MICHIGAN
..MINNESOTA
..MISSISSIPPI
..MISSOURI
..MONTANA
..NEBRASKA
..NEVADA
..NEW HAMPSHIRE
..NEW JERSEY
..NEW MEXICO
..NEW YORK
..NORTH CAROLINA
..NORTH DAKOTA
..OHIO
..OKLAHOMA
..OREGON
..PENNSYLVANIA
..RHODE ISLAND
..SOUTH CAROLINA
..SOUTH DAKOTA
..TENNESSEE
..TEXAS
..UTAH
..VERMONT
..VIRGINIA
..WASHINGTON
..WEST VIRGINIA
..WISCONSIN
..WYOMING
.URUGUAY
.UZBEKISTAN
.VATICAN CITY
.VENEZUELA
.VIETNAM
.WEST GERMANY
.YEMEN
.YUGOSLAVIA
.ZAIRE
.ZAMBIA
.ZIMBABWE
RT AFRICA
ASIA
CITIES
COMMONWEALTH OF INDEPENDENT STATES
COMMUNITIES
DEMOGRAPHY
DEVELOPING NATIONS
ESTONIA
EUROPE
FEDERATIONS
HONG KONG
INTERNATIONAL LAW
LATVIA
LITHUANIA
MINORITIES
NAMIBIA
POLITICS
REGIMES
SPANISH SAHARA
UNITED NATIONS

NATO 3B SATELLITE
3107
GS ARTIFICIAL SATELLITES
.COMMUNICATION SATELLITES
..COMMUNICATIONS TECHNOLOGY SATELLITE
..#NATO 3B SATELLITE

NATURAL FREQUENCIES
USE RESONANT FREQUENCIES

NATURAL GAS
1802 2702
GS FUELS
.GASEOUS FUELS
.#NATURAL GAS
ORGANIC COMPOUNDS
.HYDROCARBONS
.#NATURAL GAS
RESOURCES
.EARTH RESOURCES
..FOSSIL FUELS
..#NATURAL GAS
RT LIQUEFIED NATURAL GAS
METHANE
NATURAL GAS EXPLORATION
OIL FIELDS
PETROLEUM PRODUCTS

NATURAL GAS EXPLORATION
1308 1306
RT DRILLING
METHANE
NATURAL GAS
OIL EXPLORATION
PHOTOGEOLOGY

NATURAL LANGUAGE (COMPUTERS)
0802
GS LANGUAGES
.PROGRAMMING LANGUAGES
.#NATURAL LANGUAGE (COMPUTERS)
RT COMPUTER PROGRAMMING
CONTEXT
DATA PROCESSING
KNOWLEDGE REPRESENTATION

NATURAL LANGUAGE PROCESSING
0408 0410 3405
RT ARTIFICIAL INTELLIGENCE
EXPERT SYSTEMS
HUMAN-COMPUTER INTERFACE
KNOWLEDGE BASED SYSTEMS
LINGUISTICS
MACHINE TRANSLATION
PARSING ALGORITHMS
SEMANTICS
SYNTAX

NATURAL LASERS
USE LASERS

NATURAL SATELLITES
3001 3005 3009
SN (EXCLUDES PLANETS)
UF MOONS
PLANETARY SATELLITES
GS CELESTIAL BODIES
#NATURAL SATELLITES
..CHARON
..ICY SATELLITES
...ARIEL
...CALLISTO
...DIONE
...ENCELADUS
...EUROPA
...GANYMEDE
...HYPERION
...IAPETUS
...MIMAS
...RHEA (ASTRONOMY)
...TETHYS
...TITANIA
..JUPITER SATELLITES
...AMALTHEA
...GALILEAN SATELLITES
....CALLISTO
....EUROPA
....GANYMEDE
....IO
..MARS SATELLITES
...DEIMOS
...PHOBOS
..MOON
..NEPTUNE SATELLITES
...NEREID
...TRITON
..SATURN SATELLITES
...DIONE
...ENCELADUS
...HYPERION
...IAPETUS

```
      ...JANUS
      ...MIMAS
      ...PHOEBE
      ...RHEA (ASTRONOMY)
      ...TETHYS
      ...TITAN
      ..URANUS SATELLITES
      ...ARIEL
      ...MIRANDA
      ...OBERON
      ...TITANIA
      ...UMBRIEL
  RT  ARTIFICIAL SATELLITES
      CYRILLID METEOROIDS
      EARTH-MOON SYSTEM
      METEOROIDS
      MOONLETS
      PLANETS
      ROCHE LIMIT
      SATELLITE ATMOSPHERES
      SATELLITE SURFACES
    % SATELLITES
      SATURN RINGS
      SOLAR SYSTEM
      TEKTITES
      URANUS RINGS

NAUSEA
  0401 0405 0408
  GS  SIGNS AND SYMPTOMS
      #NAUSEA
  RT  ANTIEMETICS AND ANTINAUSEANTS
      MOTION SICKNESS
      VOMITING

NAUTICAL CHARTS
  1902
  GS  CHARTS
      #NAUTICAL CHARTS
  RT  NAVIGATION AIDS
      NAVIGATION SATELLITES
      SURFACE NAVIGATION

NAVAHO MISSILE
  3101 3401
  GS  MISSILES
      .RAMJET MISSILES
      .#NAVAHO MISSILE
      .SURFACE TO SURFACE MISSILES
      ..CRUISE MISSILES
      ..#NAVAHO MISSILE
  RT  LIQUID PROPELLANT ROCKET ENGINES
      MULTISTAGE ROCKET VEHICLES
      RAMJET ENGINES

NAVIER-STOKES EQUATION
  1201 1202 1902
  GS  EQUATIONS OF MOTION
      #NAVIER-STOKES EQUATION
      FLOW EQUATIONS
      #NAVIER-STOKES EQUATION
  RT  BURGER EQUATION
      COMPUTATIONAL FLUID DYNAMICS
    % EQUATIONS
      FLOW THEORY
      INCOMPRESSIBLE FLOW
      INCOMPRESSIBLE FLUIDS
      MILNE-THOMSON METHOD
      NEWTONIAN FLUIDS
      OSEEN APPROXIMATION
      REYNOLDS EQUATION
      REYNOLDS STRESS
      VISCOUS FLOW
      VISCOUS FLUIDS

NAVIGATION
  2103
  GS  #NAVIGATION
      .AIR NAVIGATION
      ..ALL-WEATHER AIR NAVIGATION
      ..AREA NAVIGATION
      ..NAP-OF-THE-EARTH NAVIGATION
      .CELESTIAL NAVIGATION
      ..ASTROGUIDE NAVIGATION SYSTEM
      ..ASTRONAVIGATION
      .DEAD RECKONING
      .DIGITAL NAVIGATION
      .DOPPLER NAVIGATION
      .HYBRID NAVIGATION SYSTEMS
      .INERTIAL NAVIGATION
      ..ASTROGUIDE NAVIGATION SYSTEM
      ..GIMBALLESS INERTIAL NAVIGATION
      .OMEGA NAVIGATION SYSTEM
      .POLAR NAVIGATION
      .RADAR NAVIGATION
      .RADIO NAVIGATION
      ..HYPERBOLIC NAVIGATION
      ...DECCA NAVIGATION
      ...LORAC NAVIGATION SYSTEM
      ...LORAN
      ....LORAN C
      ....LORAN D
      ...SHORAN
      ..TACAN
      ..VHF OMNIRANGE NAVIGATION
      .SPACE NAVIGATION
      ..INTERPLANETARY NAVIGATION
      .SURFACE NAVIGATION
  RT  AUTOMATIC FLIGHT CONTROL
      AZIMUTH
      BAY ICE
      DECLINATION
      DISTANCE MEASURING EQUIPMENT
    % FIXING
      FLIGHT CONTROL
      FLIGHT PATHS
      GLOBAL POSITIONING SYSTEM
      GUIDANCE (MOTION)
      GYROSCOPIC COUPLING
      HOMING DEVICES
      LATITUDE MEASUREMENT
      LOCOMOTION
      LONGITUDE MEASUREMENT
      ORBITAL POSITION ESTIMATION
      PLOTTING
      POSITION (LOCATION)
      POSITION ERRORS
      POSITIONING
      STAR TRACKERS
      STATIONKEEPING
    % SYSTEMS
      TRIANGULATION

NAVIGATION AIDS
  2002 2003 2101 2103 2104
  GS  #NAVIGATION AIDS
      .BEACONS
      ..AIRPORT BEACONS
      ...DISCRETE ADDRESS BEACON SYSTEM
      ..RADAR BEACONS
      ...DISCRETE ADDRESS BEACON SYSTEM
      ..RADIO BEACONS
      ...OMNIDIRECTIONAL RADIO RANGES
      ....SELF CALIBRATING OMNIRANGE
      ..RADIO DIRECTION FINDERS
      .LIGHT AIRBORNE MULTIPURPOSE SYSTEM
      .MICROWAVE SCANNING BEAM LANDING
       SYSTEM
      .NAVIGATION INSTRUMENTS
      ..ATTITUDE INDICATORS
      ...GYRO HORIZONS
      ..COMPASSES
      ...GYROCOMPASSES
      ...MAGNETIC COMPASSES
      ...SOLAR COMPASSES
      ..RADIO DIRECTION FINDERS
      .TERCOM
  RT % AIDS
      AIR NAVIGATION
      AIR TRAFFIC CONTROL
      AIRCRAFT EQUIPMENT
      AIRCRAFT INSTRUMENTS
      AIRCRAFT SAFETY
      AIRPORTS
      ALL-WEATHER AIR NAVIGATION
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ALTIMETERS
APPROACH INDICATORS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC PILOTS
AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION
AUTONOMOUS NAVIGATION
BUOYS
CHARTS
DECCA NAVIGATION
DISPLAY DEVICES
DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
FLIGHT CONTROL
FLIGHT MANAGEMENT SYSTEMS
FLIGHT PATHS
GYROSTABILIZERS
HEAD-UP DISPLAYS
HELIPORTS
HOMING DEVICES
HYBRID NAVIGATION SYSTEMS
INERTIAL NAVIGATION
KALMAN FILTERS
LANDING AIDS
LASER RANGE FINDERS
LORAC NAVIGATION SYSTEM
LORAN
LORAN C
LORAN D
MAPS
% MARS
MILITARY AIR FACILITIES
NAUTICAL CHARTS
PLOTTERS
POSITION INDICATORS
RADIO NAVIGATION
RANGE FINDERS
REDUCED ORDER FILTERS
REFERENCE STARS
SEXTANTS
SHORAN
SOLAR SENSORS
SONAR
STAR TRACKERS
SURFACE NAVIGATION
TACAN
VHF OMNIRANGE NAVIGATION
WEATHER

NAVIGATION INSTRUMENTS
2103 2104
GS NAVIGATION AIDS
#NAVIGATION INSTRUMENTS
..ATTITUDE INDICATORS
...GYRO HORIZONS
..COMPASSES
...GYROCOMPASSES
...MAGNETIC COMPASSES
...SOLAR COMPASSES
..RADIO DIRECTION FINDERS
RT AIRCRAFT EQUIPMENT
AIRCRAFT INSTRUMENTS
ALTIMETERS
AUTONOMOUS NAVIGATION
BORESIGHT ERROR
FLIGHT CONTROL
FLIGHT INSTRUMENTS
GIMBALLESS INERTIAL NAVIGATION
HORIZON SCANNERS
HYBRID NAVIGATION SYSTEMS
INERTIAL PLATFORMS
% INSTRUMENTS
KALMAN-SCHMIDT FILTERING
LASER RANGE FINDERS
LIGHT AIRBORNE MULTIPURPOSE SYSTEM
LORAC NAVIGATION SYSTEM
LORAN
MEASURING INSTRUMENTS
POSITION INDICATORS
RADAR
SOLAR SENSORS
STAR TRACKERS
TERCOM

NAVIGATION SATELLITES
2104 3107
GS ARTIFICIAL SATELLITES
#NAVIGATION SATELLITES
..AEROSAT SATELLITES
..EXPLORER 22 SATELLITE
..NAVIGATION TECHNOLOGY SATELLITES
..NAVSTAR SATELLITES
..NOVA SATELLITES
..REFSAT
..TRANSIT ATTITUDE CONTROL SATELLITE
..TRANSIT SATELLITES
RT ACTIVE SATELLITES
ATS
GEODETIC SATELLITES
LOCATES SYSTEM
METEOROLOGICAL SATELLITES
MILITARY SPACECRAFT
NAUTICAL CHARTS
PASSIVE SATELLITES
SATELLITE NAVIGATION SYSTEMS
SATELLITE NETWORKS
SYNCHRONOUS SATELLITES
TRANSIT NAVIGATION SYSTEM

NAVIGATION TECHNOLOGY SATELLITES
1307
UF NTS
GS ARTIFICIAL SATELLITES
.NAVIGATION SATELLITES
.#NAVIGATION TECHNOLOGY SATELLITES
RT NAVSTAR SATELLITES

NAVIGATORS
0502 2103
GS PERSONNEL
#NAVIGATORS
RT FLIGHT CREWS
FLYING PERSONNEL

NAVION AIRCRAFT
0201 0204
GS #NAVION AIRCRAFT
.G-1 AIRCRAFT
RT % AIRCRAFT

NAVION G-1 AIRCRAFT
USE G-1 AIRCRAFT

NAVION RANGEMASTER AIRCRAFT
USE G-1 AIRCRAFT

NAVSTAR SATELLITES
2104 3107
GS ARTIFICIAL SATELLITES
.NAVIGATION SATELLITES
.#NAVSTAR SATELLITES
RT ACTIVE SATELLITES
ATS
GEODETIC SATELLITES
NAVIGATION TECHNOLOGY SATELLITES
REFSAT
SATELLITE NETWORKS

NAVY
3401
GS ARMED FORCES
#NAVY
RT AIRCRAFT CARRIERS
BALLISTIC MISSILE SUBMARINES
FLEET SATELLITE COMMUNICATION SYSTEM
NUCLEAR POWERED SHIPS
SHIPS
SUBMARINES
TRIDENT SUBMARINE
% VESSELS

NC-130 AIRCRAFT
USE C-130 AIRCRAFT

```
NDM SEMICONDUCTOR DEVICES
  2602
  SN    (NEGATIVE DIFFERENTIAL MOBILITY
        SEMICONDUCTOR DEVICES)
  UF    NEGATIVE DIFF MOBILITY
        SEMICONDUCTORS
  GS    ELECTRONIC EQUIPMENT
        .SOLID STATE DEVICES
        ..SEMICONDUCTOR DEVICES
        ..#NDM SEMICONDUCTOR DEVICES
  RT    CONDUCTION BANDS
      % DEVICES
        DIFFUSIVITY
        ELECTRON MOBILITY
        IONIC MOBILITY

NEAR FIELDS
  0901
  GS    ELECTROMAGNETIC FIELDS
        #NEAR FIELDS
  RT    ANTENNA RADIATION PATTERNS
        ANTENNAS
        ELECTROMAGNETIC RADIATION
        FAR FIELDS
        LASER ARRAYS
        RADIO EQUIPMENT
        SIDELOBES

NEAR INFRARED RADIATION
  1404 2310 2402 2903
  SN    (0.75 TO 3 MICRONS)
  GS    ELECTROMAGNETIC RADIATION
        .INFRARED RADIATION
        .#NEAR INFRARED RADIATION
  RT    FAR INFRARED RADIATION
        INFRARED PHOTOMETRY
        LIGHT (VISIBLE RADIATION)
      % RADIATION
        RADIATIVE HEAT TRANSFER
        RADIATIVE TRANSFER
        TERRESTRIAL RADIATION
        THERMAL RADIATION

NEAR ULTRAVIOLET RADIATION
  1404 2903
  SN    (2000 TO 4000 ANGSTROMS)
  GS    ELECTROMAGNETIC RADIATION
        .ULTRAVIOLET RADIATION
        .#NEAR ULTRAVIOLET RADIATION
  RT    FAR ULTRAVIOLET RADIATION
        LIGHT (VISIBLE RADIATION)
      % RADIATION

NEAR WAKES
  0101 0203 1202 2311
  GS    WAKES
        #NEAR WAKES

NEARSHORE WATER
  1306 1308 1310 1305
  GS    WATER
        #NEARSHORE WATER
        ..COASTAL WATER
  RT    MARINE ENVIRONMENTS
        OCEANS
        SEA WATER
        VADOSE WATER
        WATER DEPTH
        WETLANDS

NEBRASKA
  1305
  GS    NATIONS
        .UNITED STATES
        .#NEBRASKA
  RT    MISSOURI RIVER (US)
        SAND HILLS REGION (NE)

NEBULAE
  3001 3009
  GS    CELESTIAL BODIES
        #NEBULAE
        ..CASSIOPEIA A
        ..CRAB NEBULA
        ..GUM NEBULA
        ..H I REGIONS
        ..H II REGIONS
        ..HERBIG-HARO OBJECTS
        ..ORION NEBULA
        ..PLANETARY NEBULAE
        ..REFLECTION NEBULAE
  RT    GALAXIES
        INTERSTELLAR MATTER
        IRREGULAR GALAXIES
        MAFFEI GALAXIES
        MAGELLANIC CLOUDS
        NORTH POLAR SPUR (ASTRONOMY)
        OPHIUCHI CLOUDS
        OPIK THEORY
        SOLAR CORONA
        STAR FORMATION
        SUPERNOVAE

NECK (ANATOMY)
  0404 0506 0508
  GS    ANATOMY
        #NECK (ANATOMY)
  RT    VERTEBRAE

NEEDLE BEARINGS
  1501 1504
  GS    BEARINGS
        #NEEDLE BEARINGS
  RT    ANTIFRICTION BEARINGS
        BALL BEARINGS
        ROLLER BEARINGS

NEEDLES
  0403 1504 1704
  RT    DENDRITIC CRYSTALS
        SEWING
        SINGLE CRYSTALS
        SURGICAL INSTRUMENTS

NEEDS (DATA SYSTEM)
  0708
  UF    NASA END-TO-END DATA SYSTEM
  GS    DATA SYSTEMS
        #NEEDS (DATA SYSTEM)
        END-TO-END DATA SYSTEMS
        #NEEDS (DATA SYSTEM)
  RT    DATA ACQUISITION
        DATA PROCESSING
        SATELLITE INSTRUMENTS
      % SYSTEMS
        VSAT (NETWORK)

NEEL TEMPERATURE
  2307
  GS    TEMPERATURE
        #NEEL TEMPERATURE
  RT    ANTIFERROMAGNETISM
        MAGNETIC PERMEABILITY
        PHASE TRANSFORMATIONS
        SPECIFIC HEAT
        THERMAL EXPANSION

NEGATIVE CONDUCTANCE
  1001 2302
  RT    AVALANCHE DIODES
        GALLIUM ARSENIDES
        GUNN EFFECT
        TUNNEL DIODES

NEGATIVE DIFF MOBILITY SEMICONDUCTORS
  USE   NDM SEMICONDUCTOR DEVICES

NEGATIVE ELECTRON AFFINITY
  3408
  GS    AFFINITY
        #NEGATIVE ELECTRON AFFINITY
  RT    ELECTRON AFFINITY
        ELECTRON EMISSION
        GALLIUM ARSENIDES
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      PHOTOELECTRIC EMISSION
      SEMICONDUCTORS (MATERIALS)

NEGATIVE FEEDBACK
  1001 1003 2304
  UF   DEGENERATIVE FEEDBACK
  GS   FEEDBACK
       #NEGATIVE FEEDBACK
  RT   AUTOMATIC CONTROL
       DAMPING
       DEGENERATION
       FEEDBACK CONTROL
       NONLINEAR FEEDBACK
       OSCILLATORS
       TRANSFER FUNCTIONS

NEGATIVE IONS
  0603
  GS   IONS
       #NEGATIVE IONS
       ..ANIONS
  RT   FREE RADICALS
       IONIC MOBILITY
       NITROGEN IONS
       OXYGEN IONS
       PLASMA PHYSICS

NEGATIVE MATTER
  2311 3408
  SN   (NOT ANTIMATTER)
  GS   MATTER (PHYSICS)
       #NEGATIVE MATTER
  RT   ANTIMATTER
       CONDENSED MATTER PHYSICS
       EXTRATERRESTRIAL MATTER
       MASS

NEGATIVE MATTER PROPULSION
  2311 2802
  GS   PROPULSION
       .SPACECRAFT PROPULSION
       .#NEGATIVE MATTER PROPULSION
  RT   INTERPLANETARY FLIGHT
       INTERSTELLAR TRAVEL
       MATTER-ANTIMATTER PROPULSION
       ROCKET ENGINES

NEGATIVE RESISTANCE CIRCUITS
  0906 1001
  GS   CIRCUITS
       #NEGATIVE RESISTANCE CIRCUITS
  RT % RESISTANCE
       TUNNEL DIODES

NEGATIVE RESISTANCE DEVICES
  0906 1001
  RT   ALUMINUM GALLIUM ARSENIDES
       GALLIUM ARSENIDES
       GUNN DIODES
       GUNN EFFECT
       MIM DIODES
       NEGATRONS
       PARAMETRIC AMPLIFIERS
       RAMSAUER EFFECT
     % RESISTANCE
       RESONANT TUNNELING

NEGATRONS
  2304 2403
  GS   PARTICLES
       .CHARGED PARTICLES
       ..ENERGETIC PARTICLES
       ...ELECTRONS
       ...#NEGATRONS
  RT   NEGATIVE RESISTANCE DEVICES

NEMBUTAL (TRADEMARK)
  0405 0408 1808
  GS   DRUGS
       #NEMBUTAL (TRADEMARK)
       KETONES
       #NEMBUTAL (TRADEMARK)
       SODIUM COMPOUNDS
       #NEMBUTAL (TRADEMARK)
  RT   PENTOBARBITAL SODIUM

NEMESIS (STAR)
  1308 3009
  UF   SOLAR COMPANION STAR
  GS   CELESTIAL BODIES
       .STARS
       ..DOUBLE STARS
       ...BINARY STARS
       ....COMPANION STARS
       ....#NEMESIS (STAR)
  RT   DWARF STARS
       EXTINCTION
       OORT CLOUD
       SOLAR NEIGHBORHOOD
       STELLAR ORBITS
       STELLAR SYSTEMS

NEODYMIUM
  0603 1703
  GS   CHEMICAL ELEMENTS
       .RARE EARTH ELEMENTS
       .#NEODYMIUM
       METALS
       .RARE EARTH ELEMENTS
       .#NEODYMIUM
  RT   DIDYMIUM

NEODYMIUM ALLOYS
  1701
  GS   ALLOYS
       .RARE EARTH ALLOYS
       .#NEODYMIUM ALLOYS

NEODYMIUM COMPOUNDS
  0601 0603 1704
  GS   RARE EARTH COMPOUNDS
       #NEODYMIUM COMPOUNDS
  RT % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

NEODYMIUM ISOTOPES
  0603 1703 2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#NEODYMIUM ISOTOPES
       .RARE EARTH ELEMENTS
       .#NEODYMIUM ISOTOPES
       METALS
       .RARE EARTH ELEMENTS
       .#NEODYMIUM ISOTOPES

NEODYMIUM LASERS
  1601
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       .#NEODYMIUM LASERS
  RT   COHERENT LIGHT
       GLASS LASERS
       OPTICAL PUMPING
       RARE EARTH ELEMENTS

NEON
  0603 1807
  GS   CHEMICAL ELEMENTS
       .RARE GASES
       .#NEON
       ...LIQUID NEON
       ...NEON ISOTOPES
       GASES
       .RARE GASES
       .#NEON
       ...LIQUID NEON
       ...NEON ISOTOPES

NEON ISOTOPES
  0603 1807
  UF   NEON 19
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
```

..ISOTOPES
..#NEON ISOTOPES
.RARE GASES
..NEON
..#NEON ISOTOPES
GASES
.RARE GASES
..NEON
..#NEON ISOTOPES

NEON 19
USE NEON ISOTOPES

NEOPENTANE
1808
GS ORGANIC COMPOUNDS
.HYDROCARBONS
..ALIPHATIC HYDROCARBONS
...ALKANES
....PENTANES
....#NEOPENTANE

NEOPLASMS
0404 0405
GS DISEASES
.TUMORS
.#NEOPLASMS
...CANCER
....LEUKEMIAS
RT CARCINOGENS
CYSTS

NEOPRENES
USE CHLOROPRENE RESINS

NEPAL
1305
GS NATIONS
#NEPAL
RT ASIA

NEPHANALYSIS
1407 2001 2003
RT ALPINE METEOROLOGY
ANVIL CLOUDS
ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)
CAP CLOUDS
CHEMICAL ANALYSIS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLOUD COVER
CLOUD PHYSICS
CLOUDS (METEOROLOGY)
CONVECTION CLOUDS
METEOROLOGICAL INSTRUMENTS
METEOROLOGY
NEPHELOMETERS
PRECIPITATION (METEOROLOGY)
SYNOPTIC MEASUREMENT
SYNOPTIC METEOROLOGY
WEATHER FORECASTING

NEPHELINE
1804 1806
GS ALUMINUM COMPOUNDS
#NEPHELINE
MINERALS
#NEPHELINE
POTASSIUM COMPOUNDS
#NEPHELINE
SILICON COMPOUNDS
.SILICATES
.#NEPHELINE
SODIUM COMPOUNDS
#NEPHELINE
RT NEPHELITE

NEPHELITE
1806
GS ALUMINUM COMPOUNDS
#NEPHELITE
CHALCOGENIDES
.OXIDES
..SILICON OXIDES
..#NEPHELITE
MINERALS
#NEPHELITE
SILICON COMPOUNDS
.SILICON OXIDES
.#NEPHELITE
RT NEPHELINE

NEPHELOMETERS
1406 2002 2003 2306 2310
GS MEASURING INSTRUMENTS
.OPTICAL MEASURING INSTRUMENTS
.#NEPHELOMETERS
OPTICAL EQUIPMENT
.OPTICAL MEASURING INSTRUMENTS
.#NEPHELOMETERS
RT NEPHANALYSIS
OPTICAL MEASUREMENT
PHOTOMETERS

NEPHRITIS
0405 0408
GS DISEASES
.KIDNEY DISEASES
.#NEPHRITIS
RT BACTERIAL DISEASES

NEPTUNE (PLANET)
3001 3008 3009
GS CELESTIAL BODIES
.PLANETS
..GAS GIANT PLANETS
..#NEPTUNE (PLANET)
RT NEPTUNE ATMOSPHERE
NEPTUNE SATELLITES
NEREID
TRITON
VOYAGER 2 SPACECRAFT

NEPTUNE ATMOSPHERE
3001
GS ENVIRONMENTS
.EXTRATERRESTRIAL ENVIRONMENTS
..PLANETARY ENVIRONMENTS
...PLANETARY ATMOSPHERES
...#NEPTUNE ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
% ATMOSPHERES
GAS GIANT PLANETS
HYDROGEN
METHANE
NEPTUNE (PLANET)
PLANETARY IONOSPHERES
TRITON

NEPTUNE SATELLITES
3001 3005 3009
GS CELESTIAL BODIES
.NATURAL SATELLITES
.#NEPTUNE SATELLITES
...NEREID
...TRITON
RT NEPTUNE (PLANET)

NEPTUNIUM
0603 1807
GS CHEMICAL ELEMENTS
.ACTINIDE SERIES
..TRANSURANIUM ELEMENTS
..#NEPTUNIUM
....NEPTUNIUM ISOTOPES
.NUCLIDES
..ISOTOPES
...RADIOACTIVE ISOTOPES
....TRANSURANIUM ELEMENTS
....#NEPTUNIUM
.....NEPTUNIUM ISOTOPES
METALS
.ACTINIDE SERIES
..TRANSURANIUM ELEMENTS

```
      ..#NEPTUNIUM
      ....NEPTUNIUM ISOTOPES

NEPTUNIUM COMPOUNDS
  0603 1807
  GS   ACTINIDE SERIES COMPOUNDS
       #NEPTUNIUM COMPOUNDS
  RT % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

NEPTUNIUM ISOTOPES
  0603 1703 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...NEPTUNIUM
       ...#NEPTUNIUM ISOTOPES
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ....TRANSURANIUM ELEMENTS
       .....NEPTUNIUM
       .....#NEPTUNIUM ISOTOPES
       METALS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...NEPTUNIUM
       ...#NEPTUNIUM ISOTOPES

NEREID
  3001 3005 3009
  GS   CELESTIAL BODIES
       .NATURAL SATELLITES
       ..NEPTUNE SATELLITES
       ..#NEREID
  RT   NEPTUNE (PLANET)

NERNST GENERATORS
  USE  THERMOMAGNETIC COOLING

NERNST HEAT THEOREM
  USE  NERNST-ETTINGSHAUSEN EFFECT

NERNST-ETTINGSHAUSEN EFFECT
  3303 3304
  UF   NERNST HEAT THEOREM
  GS   GALVANOMAGNETIC EFFECTS
       #NERNST-ETTINGSHAUSEN EFFECT
  RT % EFFECTS
       TEMPERATURE EFFECTS
       THERMOMAGNETIC EFFECTS

NERVA (ENGINE)
  USE  NUCLEAR ENGINE FOR ROCKET VEHICLES

NERVES
  0404 0408
  GS   ANATOMY
       .NERVOUS SYSTEM
       .#NERVES
       ...GANGLIA
       ...OCULOMOTOR NERVES
  RT   CAROTID SINUS BODY
       CAROTID SINUS REFLEX
       HIS BUNDLE
       MYELIN
       NEURITIS
       NEURONS
       SCIATIC REGION
       SYNAPSES

NERVOUS SYSTEM
  0402 0404 0408
  UF   VASOMOTOR NERVOUS SYSTEM
  GS   ANATOMY
       #NERVOUS SYSTEM
       ..AFFERENT NERVOUS SYSTEMS
       ..AUTONOMIC NERVOUS SYSTEM
       ...SYMPATHETIC NERVOUS SYSTEM
       ..CENTRAL NERVOUS SYSTEM
       ...BRAIN
       ....BRAIN STEM
       ....CEREBELLUM
       ....CEREBRAL VENTRICLES
       ....CEREBRUM
       .....CEREBRAL CORTEX
       .....OCCIPITAL LOBES
       ....DIENCEPHALON
       .....HYPOTHALAMUS
       .....PINEAL GLAND
       .....THALAMUS
       ....HIPPOCAMPUS
       ...SPINAL CORD
       ..EFFERENT NERVOUS SYSTEMS
       ..NERVES
       ...GANGLIA
       ...OCULOMOTOR NERVES
       ..PERIPHERAL NERVOUS SYSTEM
  RT   ELECTROPHYSIOLOGY
       HOMEOSTASIS
       MYELIN
       NEURASTHENIA
       NEURITIS
       NEUROGLIA
       NEURONS
       NEUROPSYCHIATRY
       NEUROTRANSMITTERS
       PROPRIOCEPTORS
       PSYCHOPHARMACOLOGY
       SENSE ORGANS
       SYNAPSES
     % SYSTEMS

NETHERLANDS
  1305
  UF   HOLLAND
  GS   NATIONS
       #NETHERLANDS
  RT   ASTRONOMICAL NETHERLANDS SATELLITE
       EUROPE
       NETHERLANDS SPACE PROGRAM
       SURINAM

NETHERLANDS SPACE PROGRAM
  3009 3409
  GS   PROGRAMS
       .SPACE PROGRAMS
       ..EUROPEAN SPACE PROGRAMS
       ..#NETHERLANDS SPACE PROGRAM
  RT   ASTRONOMICAL NETHERLANDS SATELLITE
       INFRARED ASTRONOMY SATELLITE
       NETHERLANDS

NETS
  0403 1811 3204
  GS  #NETS
       .NEURAL NETS
       .PETRI NETS
  RT % NETWORKS

NETWORK ANALYSIS
  0804 1001 1002
  UF   TELLEGEN THEORY
  GS  #NETWORK ANALYSIS
       .CRITICAL PATH METHOD
       .SNEAK CIRCUIT ANALYSIS
  RT % ANALYZING
       CIRCUITS
       DATA FLOW ANALYSIS
       DISTRIBUTED PARAMETER SYSTEMS
       DUALITY PRINCIPLE
       ELECTRIC TERMINALS
       EQUIVALENT CIRCUITS
       FOSTER THEORY
       GYRATORS
       HYDRAULIC EQUIPMENT
       INSERTION
       KIRCHHOFF LAW OF NETWORKS
       LC CIRCUITS
     % NETWORKS
     % PATHS
       RC CIRCUITS
       RL CIRCUITS
       RLC CIRCUITS
       SIGNAL FLOW GRAPHS
```

SUPERPOSITION (MATHEMATICS)

NETWORK CONTROL
1901
RT COMMUNICATION NETWORKS
COMMUNICATION SATELLITES
COMPUTER NETWORKS
% CONTROL
LOCAL AREA NETWORKS
PACKET SWITCHING
SATELLITE NETWORKS
TRANSMISSION EFFICIENCY

NETWORK SYNTHESIS
1001 2304
UF TELLEGEN THEORY
RT COMMUNICATION THEORY
EQUIVALENT CIRCUITS
HYDRAULIC EQUIPMENT
KIRCHHOFF LAW OF NETWORKS
LC CIRCUITS
% NETWORKS
RC CIRCUITS
RICHARDS THEOREM
RL CIRCUITS
RLC CIRCUITS
SUPERPOSITION (MATHEMATICS)
SWITCHING THEORY
% SYNTHESIS
TOPOLOGY

% NETWORKS
0404 0702 0703 0802 0902 1102
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ARPA COMPUTER NETWORK
BOND GRAPHS
CIRCUITS
COMPUTER NETWORKS
COUPLING CIRCUITS
DEEP SPACE NETWORK
DIFFERENTIATORS
ELECTRIC NETWORKS
ELECTRIC POWER TRANSMISSION
GRAPHS (CHARTS)
GYRATORS
HYDRAULIC EQUIPMENT
INTEGRATORS
INTERNETS
MAGNETIC CIRCUITS
MANNED SPACE FLIGHT NETWORK
MOSAICS
NASCOM NETWORK
NETS
NETWORK ANALYSIS
NETWORK SYNTHESIS
NEURAL NETS
PNEUMATIC EQUIPMENT
QUADRUPOLE NETWORKS
RADAR NETWORKS
SATELLITE NETWORKS
SIGNAL FLOW GRAPHS
TOPOLOGY
TRACKING NETWORKS
TRANSMISSION LINES
TRANSPORTATION NETWORKS
UNDERGROUND TRANSMISSION LINES

NEUMANN PROBLEM
1902
GS ANALYSIS (MATHEMATICS)
.REAL VARIABLES
.#NEUMANN PROBLEM
BOUNDARY VALUE PROBLEMS
#NEUMANN PROBLEM
RT DIFFERENTIAL EQUATIONS
PARTIAL DIFFERENTIAL EQUATIONS
% PROBLEMS

NEURAL NETS
0404 0408 0503
GS NETS
#NEURAL NETS
RT CYBERNETICS
GENETIC ALGORITHMS
LOGIC CIRCUITS
% NETWORKS

NEURASTHENIA
0401 0405 0408
GS DISEASES
#NEURASTHENIA
RT NERVOUS SYSTEM

NEURISTORS
0503 0906 2603
GS ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
..#NEURISTORS
RT BIONICS

NEURITIS
0405 0408
GS DISEASES
#NEURITIS
RT NERVES
NERVOUS SYSTEM

NEUROBLASTS
0404 0405
GS CELLS (BIOLOGY)
.NEURONS
.#NEUROBLASTS
RT EMBRYOLOGY

NEUROGLIA
0404 0405
GS TISSUES (BIOLOGY)
#NEUROGLIA
RT BRAIN
CELLS (BIOLOGY)
GANGLIA
NERVOUS SYSTEM
SPINAL CORD

NEUROLOGY
0401 0404 0405
UF NEUROSCIENCE
GS MEDICAL SCIENCE
#NEUROLOGY
RT BRAIN
CHEMICAL DEFENSE
ELECTROPHYSIOLOGY
LIFE SCIENCES
NEUROPSYCHIATRY
THRESHOLDS (PERCEPTION)

NEUROMUSCULAR TRANSMISSION
0404
RT BIOELECTRICITY
CHOLINESTERASE
NEUROTRANSMITTERS
PERIPHERAL NERVOUS SYSTEM
SYNAPSES

NEURON TRANSMISSION
USE BIOELECTRICITY

NEURONS
0404 0408
GS CELLS (BIOLOGY)
#NEURONS
..AXONS
..NEUROBLASTS
RT BLOOD-BRAIN BARRIER
MYELIN
NERVES
NERVOUS SYSTEM
SYNAPSES
SYNCODERS

NEUROPHYSIOLOGY
0404 0408

```
  GS   PHYSIOLOGY
       #NEUROPHYSIOLOGY
  RT   GANGLIA
       INFORMATION PROCESSING (BIOLOGY)
       ONTOGENY
       PSYCHOTROPIC DRUGS
     % SCIENCE

NEUROPSYCHIATRY
  0404 0405 0408 0410
  GS   MEDICAL SCIENCE
       .PSYCHIATRY
       .#NEUROPSYCHIATRY
  RT   HUMAN BEHAVIOR
     % MEDICINE
       MENTAL HEALTH
       NERVOUS SYSTEM
       NEUROLOGY
       PSYCHOTHERAPY

NEUROSCIENCE
  USE  NEUROLOGY

NEUROSES
  0408 0410
  GS  #NEUROSES
       .NEUROTIC DEPRESSION
  RT   FEAR
       FEAR OF FLYING
       PSYCHOSES

NEUROSPORA
  0404 0409
  GS   PLANTS (BOTANY)
       .FUNGI
       .#NEUROSPORA
  RT   GENETICS

NEUROTIC DEPRESSION
  0408 0410
  GS   NEUROSES
       #NEUROTIC DEPRESSION
  RT % DEPRESSION
       PSYCHOTIC DEPRESSION

NEUROTRANSMITTERS
  0404
  RT   AXONS
       CATECHOLAMINE
       CELLS (BIOLOGY)
       NERVOUS SYSTEM
       NEUROMUSCULAR TRANSMISSION
       SYNAPSES

NEUROTROPISM
  0405 0408
  GS   TROPISM
       #NEUROTROPISM

NEUTRAL ATMOSPHERES
  1301
  RT % ATMOSPHERES
       NEUTRAL GASES

NEUTRAL ATOMS
  1703 3009
  GS   ATOMS
       #NEUTRAL ATOMS
  RT   ATOMIC BEAMS
       CHARGE DISTRIBUTION
     % ELEMENTS
       H I REGIONS
       NEUTRAL BEAMS
       NEUTRAL GASES

NEUTRAL BEAMS
  2403 2405
  GS   BEAMS (RADIATION)
       .PARTICLE BEAMS
       .#NEUTRAL BEAMS
       ...MOLECULAR BEAMS
       ...NEUTRON BEAMS
  RT   ATOMIC BEAMS
       BEAM INJECTION
       BEAM NEUTRALIZATION
       NEUTRAL ATOMS
       PARTICLES
       PION BEAMS

NEUTRAL BUOYANCY SIMULATION
  1202 1203 1204
  GS   ENVIRONMENTAL TESTS
       .UNDERWATER TESTS
       .#NEUTRAL BUOYANCY SIMULATION
       SIMULATION
       .ENVIRONMENT SIMULATION
       ..SPACE ENVIRONMENT SIMULATION
       ...WEIGHTLESSNESS SIMULATION
       ...#NEUTRAL BUOYANCY SIMULATION
  RT   BUOYANCY
       SPACE SIMULATORS
       WEIGHTLESSNESS

NEUTRAL CURRENTS
  0102
  RT   CURRENT DISTRIBUTION
       GRAVITATIONAL COLLAPSE
       NEUTRAL PARTICLES
       NEUTRINOS
       NEUTRON STARS
       PARTICLE INTERACTIONS
       STELLAR EVOLUTION

NEUTRAL GASES
  1203 3009 3501
  GS   GASES
       #NEUTRAL GASES
  RT   COSMIC GASES
       H I REGIONS
       HYDROGEN CLOUDS
       INTERPLANETARY GAS
       INTERSTELLAR GAS
       IONIZED GASES
       NEUTRAL ATMOSPHERES
       NEUTRAL ATOMS
       PLASMAS (PHYSICS)

NEUTRAL PARTICLES
  2403 2405
  GS   PARTICLES
       #NEUTRAL PARTICLES
       ..GRAVITINOS
       ..NEUTRONS
       ...COLD NEUTRONS
       ...FAST NEUTRONS
       ...PHOTONEUTRONS
       ...SOLAR NEUTRONS
       ...THERMAL NEUTRONS
  RT   ELECTRON RECOMBINATION
       NEUTRAL CURRENTS

NEUTRAL SHEETS
  2403 2502
  RT   ATMOSPHERIC PHYSICS
       CHARGED PARTICLES
       EARTH MAGNETOSPHERE
       PARTICLE MOTION
       PLASMA PHYSICS
     % SHEETS

NEUTRALIZERS
  0603 1504 1703 1805
  RT   ADDITIVES
     % AGENTS
       BUFFERS (CHEMISTRY)
       DISCHARGERS
       INHIBITORS
       PRESERVATIVES
       RETARDANTS
       STABILIZERS (AGENTS)
       SUPPRESSORS

NEUTRINO BEAMS
  2401
  GS   BEAMS (RADIATION)
```

```
      .PARTICLE BEAMS
      .#NEUTRINO BEAMS

NEUTRINOS
  2403 2405 3009
  GS   PARTICLES
       .ELEMENTARY PARTICLES
       ..FERMIONS
       ...LEPTONS
       ...#NEUTRINOS
       .....SOLAR NEUTRINOS
  RT   ANTINEUTRINOS
       DARK MATTER
       GRAVITINOS
       NEUTRAL CURRENTS

NEUTRON ABSORBERS
  2202 2403 2405
  RT   ABSORBERS (MATERIALS)
       CONTROL RODS
       MODERATORS
       POISONING (REACTION INHIBITION)
       RADIATION ABSORPTION
       RADIATION SHIELDING

NEUTRON ACTIVATION ANALYSIS
  2403 2405
  GS   ACTIVATION ANALYSIS
       #NEUTRON ACTIVATION ANALYSIS
       CHEMICAL TESTS
       .CHEMICAL ANALYSIS
       .#NEUTRON ACTIVATION ANALYSIS
  RT   MASS SPECTROMETERS
       MICROANALYSIS
       QUALITATIVE ANALYSIS
       QUANTITATIVE ANALYSIS
       SPECTROSCOPIC ANALYSIS

NEUTRON BEAMS
  2403 2405
  GS   BEAMS (RADIATION)
       .PARTICLE BEAMS
       ..NEUTRAL BEAMS
       ..#NEUTRON BEAMS
       NUCLEAR RADIATION
       #NEUTRON BEAMS
  RT   ATOMIC BEAMS
       PARTICLES
       PION BEAMS
       PROTON BEAMS

NEUTRON COUNTERS
  1406 2203 2403 3009
  UF   NEUTRON DETECTORS
  GS   MEASURING INSTRUMENTS
       .COUNTERS
       ..RADIATION COUNTERS
       ..#NEUTRON COUNTERS
       ....NEUTRON SPECTROMETERS
       .RADIATION MEASURING INSTRUMENTS
       ..RADIATION COUNTERS
       ..#NEUTRON COUNTERS
       ....NEUTRON SPECTROMETERS
  RT   DOSIMETERS
       GEIGER COUNTERS
       IONIZATION CHAMBERS
       PROPORTIONAL COUNTERS
       SCINTILLATION COUNTERS
       SPARK CHAMBERS

NEUTRON CROSS SECTIONS
  2403 2405
  RT   ABSORPTION CROSS SECTIONS
     % CROSS SECTIONS
       NUCLEAR PARTICLES
       SCATTERING CROSS SECTIONS
       STOPPING POWER

NEUTRON DECAY
  2403 2405
  GS   DECAY
       #NEUTRON DECAY
  RT   HOT ATOMS

NEUTRON DETECTORS
  USE  NEUTRON COUNTERS

NEUTRON DIFFRACTION
  2403 2405 2601
  GS   DIFFRACTION
       #NEUTRON DIFFRACTION
  RT   CRYSTALLOGRAPHY

NEUTRON DISTRIBUTION
  2403 2405
  GS   DISTRIBUTION (PROPERTY)
       #NEUTRON DISTRIBUTION
  RT   NUCLEAR PARTICLES

NEUTRON EMISSION
  2403 2405
  GS   DECAY
       .RADIOACTIVE DECAY
       .#NEUTRON EMISSION
       EMISSION
       .PARTICLE EMISSION
       .#NEUTRON EMISSION
       NUCLEAR REACTIONS
       .RADIOACTIVE DECAY
       .#NEUTRON EMISSION
  RT   NEUTRONS
       SELECTION RULES (NUCLEAR PHYSICS)

NEUTRON FLUX
  USE  FLUX (RATE)

NEUTRON FLUX DENSITY
  2403 2405 3009
  SN   (LIMITED TO NEUTRON EMISSION OR
       DETECTION RATE PER UNIT AREA)
  GS   RATES (PER TIME)
       .FLUX DENSITY
       ..RADIANT FLUX DENSITY
       ...PARTICLE FLUX DENSITY
       ...#NEUTRON FLUX DENSITY
  RT   HIGH FLUX ISOTOPE REACTORS
       IRRADIANCE
       NUCLEAR FISSION
       RADIANCE
       RADIANCY
       RADIATION SHIELDING
       SOLAR NEUTRONS

NEUTRON IRRADIATION
  2403 2405 2406
  GS   IRRADIATION
       #NEUTRON IRRADIATION
  RT   ION IRRADIATION
       TRANSMUTATION

NEUTRON PHYSICS
  2403 2405
  RT % PHYSICS
     % SCIENCE

NEUTRON RADIOGRAPHY
  1407
  GS   IMAGERY
       .RADIOGRAPHY
       .#NEUTRON RADIOGRAPHY
       NONDESTRUCTIVE TESTS
       #NEUTRON RADIOGRAPHY
  RT % MATERIALS TESTS

NEUTRON SCATTERING
  2403 2405
  UF   LEGENDRE CODE
  GS   NUCLEAR REACTIONS
       .NUCLEAR SCATTERING
       .#NEUTRON SCATTERING
       SCATTERING
       .NUCLEAR SCATTERING
       .#NEUTRON SCATTERING
  RT   ELEMENTARY PARTICLES
       NUCLEAR PARTICLES
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RESONANCE SCATTERING

NEUTRON SOURCES
2204 2403 2405
GS RADIATION SOURCES
#NEUTRON SOURCES
RT LINEAR ACCELERATORS
NUCLEAR FUELS
NUCLEAR RESEARCH AND TEST REACTORS
PARTICLE ACCELERATORS
SPENT FUELS

NEUTRON SPECTRA
1411 2403 2405 3009
GS SPECTRA
.ENERGY SPECTRA
.#NEUTRON SPECTRA

NEUTRON SPECTROMETERS
1411 2403 2405
UF TRIPLE AXIS SPECTROMETERS
GS MEASURING INSTRUMENTS
.COUNTERS
..RADIATION COUNTERS
...NEUTRON COUNTERS
...#NEUTRON SPECTROMETERS
.RADIATION MEASURING INSTRUMENTS
..RADIATION COUNTERS
...NEUTRON COUNTERS
...#NEUTRON SPECTROMETERS
.SPECTROMETERS
.#NEUTRON SPECTROMETERS

NEUTRON STARS
3001 3002
SN (EXCLUDES TRACKS OF PARTICLES EMANATING FROM A NUCLEAR COLLISION)
GS CELESTIAL BODIES
.STARS
.#NEUTRON STARS
...PULSARS
RT DEGENERATE MATTER
GRAVITATIONAL LENSES
NEUTRAL CURRENTS
STARQUAKES
SUPERNOVA REMNANTS
X RAY BINARIES
X RAY STARS

NEUTRON THERMALIZATION
2403 2405
GS ENERGY ABSORPTION
.MODERATION (ENERGY ABSORPTION)
..THERMALIZATION (ENERGY ABSORPTION)
..#NEUTRON THERMALIZATION

NEUTRON TRANSMUTATION
USE NUCLEAR REACTIONS

NEUTRONS
2401 2403 3001
GS PARTICLES
.ELEMENTARY PARTICLES
..FERMIONS
..#NEUTRONS
....COLD NEUTRONS
....FAST NEUTRONS
....PHOTONEUTRONS
....SOLAR NEUTRONS
....THERMAL NEUTRONS
.NEUTRAL PARTICLES
.#NEUTRONS
...COLD NEUTRONS
...FAST NEUTRONS
...PHOTONEUTRONS
...SOLAR NEUTRONS
...THERMAL NEUTRONS
RT BARYONS
CHARGED PARTICLES
CORPUSCULAR RADIATION
COSMIC RAYS
NEUTRON EMISSION
NUCLEAR RADIATION
NUCLEI (NUCLEAR PHYSICS)
NUCLEON POTENTIAL
NUCLEONS
RADIATION EFFECTS
RADIATION SHIELDING

NEVADA
1305
GS NATIONS
.UNITED STATES
.#NEVADA
RT GREAT BASIN (US)
LAKE TAHOE (CA-NV)
PYRAMID LAKE (NV)
SOUTHERN CALIFORNIA

NEW BRUNSWICK
1305
GS NATIONS
.CANADA
.#NEW BRUNSWICK

NEW ENGLAND (US)
1305
GS REGIONS
#NEW ENGLAND (US)
RT UNITED STATES

NEW GUINEA (ISLAND)
1305
GS LANDFORMS
.ISLANDS
..PACIFIC ISLANDS
..#NEW GUINEA (ISLAND)
RT PAPUA NEW GUINEA
TORRES STRAIT

NEW HAMPSHIRE
1305
GS NATIONS
.UNITED STATES
.#NEW HAMPSHIRE
RT ST LAWRENCE VALLEY (NORTH AMERICA)

NEW HAVEN (CT)
1305
GS CITIES
#NEW HAVEN (CT)
RT CONNECTICUT

NEW JERSEY
1305
GS NATIONS
.UNITED STATES
.#NEW JERSEY
RT DELAWARE BAY (US)
DELAWARE RIVER BASIN (US)
HUDSON RIVER (NY-NJ)

NEW MEXICO
1305
GS NATIONS
.UNITED STATES
.#NEW MEXICO
RT COLORADO PLATEAU (US)
RIO GRANDE (NORTH AMERICA)

NEW MOONS PROJECT
3203 3409
GS PROGRAMS
.NASA PROGRAMS
..NASA SPACE PROGRAMS
..#NEW MOONS PROJECT
.PROJECTS
.#NEW MOONS PROJECT
.SPACE PROGRAMS
..NASA SPACE PROGRAMS
..#NEW MOONS PROJECT
RT NUCLEAR PROPULSION
STRUCTURAL WEIGHT
WEIGHT ANALYSIS

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NEW YORK
  1305
  GS   NATIONS
       .UNITED STATES
       .#NEW YORK
  RT   ADIRONDACK MOUNTAINS (NY)
       DELAWARE RIVER BASIN (US)
       HUDSON RIVER (NY-NJ)
       LAKE CHAMPLAIN BASIN (NY-VT)
       LONG ISLAND (NY)
       NEW YORK CITY (NY)
       ST LAWRENCE VALLEY (NORTH AMERICA)
       SUSQUEHANNA RIVER BASIN (MD-NY-PA)

NEW YORK CITY (NY)
  1305
  GS   CITIES
       #NEW YORK CITY (NY)
  RT   NEW YORK

NEW ZEALAND
  1305
  GS   LANDFORMS
       .ISLANDS
       ..PACIFIC ISLANDS
       ..#NEW ZEALAND
       NATIONS
       #NEW ZEALAND
  RT   NEW ZEALAND SPACE PROGRAM

NEW ZEALAND SPACE PROGRAM
  3009 3409
  GS   PROGRAMS
       .SPACE PROGRAMS
       .#NEW ZEALAND SPACE PROGRAM
  RT   NEW ZEALAND

NEWFOUNDLAND
  1305
  GS   LANDFORMS
       .ISLANDS
       .#NEWFOUNDLAND
       NATIONS
       .CANADA
       .#NEWFOUNDLAND

NEWS
  3405
  RT   DOCUMENTATION

NEWS MEDIA
  0702 3405
  RT   DATA ACQUISITION
       INFORMATION
     % JOURNALS

NEWTON
  2308 2311
  RT % FORCE
       KINETICS
       NEWTONIAN FLUIDS
       NONNEWTONIAN FLUIDS

NEWTON METHODS
  1903 3501
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       ..APPROXIMATION
       ..#NEWTON METHODS
       ....NEWTON-RAPHSON METHOD
       ..ITERATION
       ..#NEWTON METHODS
  RT   ITERATIVE SOLUTION
       PROBLEM SOLVING
       ROOTS OF EQUATIONS

NEWTON PRESSURE LAW
  1203 2311 3501
  GS   LAWS
       #NEWTON PRESSURE LAW
  RT   COMPRESSIBLE FLOW
       LAMINAR FLOW
       NEWTONIAN FLUIDS
       PRANDTL-MEYER EXPANSION
       PRESSURE
       PRESSURE DISTRIBUTION

NEWTON SECOND LAW
  2308 2311
  GS   KINETICS
       #NEWTON SECOND LAW
       LAWS
       #NEWTON SECOND LAW
  RT   CONSERVATION
       MOMENTUM THEORY

NEWTON THEORY
  2308 2311
  GS   KINETICS
       #NEWTON THEORY
       THEORETICAL PHYSICS
       #NEWTON THEORY
  RT   CONSERVATION LAWS
       NEWTONIAN FLUIDS
       NONNEWTONIAN FLUIDS
       NONRELATIVISTIC MECHANICS
     % THEORIES

NEWTON-BUSEMANN LAW
  0101 0102 2311 2801
  GS   LAWS
       #NEWTON-BUSEMANN LAW

NEWTON-RAPHSON METHOD
  1903 3501
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       ..APPROXIMATION
       ...NEWTON METHODS
       ...#NEWTON-RAPHSON METHOD
  RT % METHODOLOGY

NEWTONIAN FLUIDS
  1202 2311
  RT   ANISOTROPIC FLUIDS
     % FLUIDS
       NAVIER-STOKES EQUATION
       NEWTON
       NEWTON PRESSURE LAW
       NEWTON THEORY
       NONNEWTONIAN FLUIDS
       STRESS-STRAIN-TIME RELATIONS
       VISCOUS FLUIDS

NICARAGUA
  1305
  GS   NATIONS
       #NICARAGUA
  RT   CENTRAL AMERICA

NICHROME (TRADEMARK)
  0603 1412 1701 1704 2310
  GS   ALLOYS
       .NICKEL ALLOYS
       .#NICHROME (TRADEMARK)

NICKEL
  1703
  GS   CHEMICAL ELEMENTS
       #NICKEL
       ..NICKEL ISOTOPES
       METALS
       .TRANSITION METALS
       .#NICKEL
       ...NICKEL ISOTOPES
  RT   CONSTANTAN

NICKEL ALLOYS
  1701 1704
  GS   ALLOYS
       #NICKEL ALLOYS
       ..ASTROLOY (TRADEMARK)
       ..HASTELLOY (TRADEMARK)
       ..INCONEL (TRADEMARK)
```

..KAMACITE
..MONEL (TRADEMARK)
..NICHROME (TRADEMARK)
..NITINOL ALLOYS
..RENE 41
..RENE 63
..RENE 77
..RENE 95
..UDIMET ALLOYS
..WASPALOY
RT ALUMINIDES
GOLD ALLOYS
HEAT RESISTANT ALLOYS
NIMONIC ALLOYS
PERMALLOYS (TRADEMARK)
SHAPE MEMORY ALLOYS
SILICON ALLOYS
STAINLESS STEELS
SULFIDATION

NICKEL CADMIUM BATTERIES
0302 0604 0904
UF CADMIUM NICKEL BATTERIES
GS ELECTROCHEMICAL CELLS
.ELECTRIC BATTERIES
..STORAGE BATTERIES
..#NICKEL CADMIUM BATTERIES
RT DRY CELLS
SILVER CADMIUM BATTERIES

NICKEL COATINGS
0603 1704
GS COATINGS
.METAL COATINGS
.#NICKEL COATINGS
RT CORROSION PREVENTION
METAL FILMS
PROTECTIVE COATINGS

NICKEL COMPOUNDS
0603 1704 1804
GS #NICKEL COMPOUNDS
.COHENITE
.NICKEL FLUORIDES
.NICKEL OXIDES
.SCHREIBERSITE
RT % CHEMICAL COMPOUNDS
% GROUP 8 COMPOUNDS
% METAL COMPOUNDS

NICKEL FLUORIDES
0603 1804
GS HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORIDES
...METAL FLUORIDES
...#NICKEL FLUORIDES
NICKEL COMPOUNDS
#NICKEL FLUORIDES

NICKEL HYDROGEN BATTERIES
0302 0604 2304
GS ELECTROCHEMICAL CELLS
.ELECTRIC BATTERIES
..STORAGE BATTERIES
..#NICKEL HYDROGEN BATTERIES
RT ENERGY STORAGE
HYDROGEN-BASED ENERGY
SPACECRAFT POWER SUPPLIES

NICKEL IRON BATTERIES
0904
GS ELECTROCHEMICAL CELLS
.ELECTRIC BATTERIES
.#NICKEL IRON BATTERIES
RT LEAD ACID BATTERIES
NICKEL ZINC BATTERIES
STORAGE BATTERIES

NICKEL ISOTOPES
0603 1703 1704 2406
GS CHEMICAL ELEMENTS
.NICKEL
.#NICKEL ISOTOPES
.NUCLIDES
..ISOTOPES
..#NICKEL ISOTOPES
METALS
.TRANSITION METALS
..NICKEL
..#NICKEL ISOTOPES

NICKEL OXIDES
0603
GS CHALCOGENIDES
.OXIDES
..METAL OXIDES
..#NICKEL OXIDES
NICKEL COMPOUNDS
#NICKEL OXIDES

NICKEL PLATE
0603 1802 3404
GS PLATING
#NICKEL PLATE
RT ELECTROPLATING
GOLD COATINGS

NICKEL STEELS
1701 1704
GS ALLOYS
.IRON ALLOYS
..STEELS
..#NICKEL STEELS
RT STAINLESS STEELS

NICKEL ZINC BATTERIES
0301 0302 0604
UF ZINC NICKEL BATTERIES
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..PRIMARY BATTERIES
...DRY CELLS
...#NICKEL ZINC BATTERIES
ELECTROCHEMICAL CELLS
.ELECTRIC BATTERIES
..PRIMARY BATTERIES
...DRY CELLS
...#NICKEL ZINC BATTERIES
..STORAGE BATTERIES
..#NICKEL ZINC BATTERIES
RT NICKEL IRON BATTERIES

NICOTINAMIDE
0403 1808
GS BASES (CHEMICAL)
.ALKALOIDS
.#NICOTINAMIDE
NITROGEN COMPOUNDS
.ALKALOIDS
.#NICOTINAMIDE
.AMIDES
.#NICOTINAMIDE
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...ALKALOIDS
...#NICOTINAMIDE
VITAMINS
#NICOTINAMIDE

NICOTINE
0408 1808
GS BASES (CHEMICAL)
.ALKALOIDS
.#NICOTINE
NITROGEN COMPOUNDS
.ALKALOIDS
.#NICOTINE
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...ALKALOIDS
...#NICOTINE
RT TOBACCO

```
NICOTINIC ACID
  0403 1808
  GS   ACIDS
       .CARBOXYLIC ACIDS
       .#NICOTINIC ACID
       ORGANIC COMPOUNDS
       .CARBOXYLIC ACIDS
       .#NICOTINIC ACID
       .CYCLIC COMPOUNDS
       ..HETEROCYCLIC COMPOUNDS
       ..#NICOTINIC ACID
       VITAMINS
       #NICOTINIC ACID

NIGELLA
  0404 0409
  GS   PLANTS (BOTANY)
       #NIGELLA
  RT   BOTANY

NIGER
  1305
  GS   NATIONS
       #NIGER
  RT   AFRICA

NIGERIA
  1305
  GS   NATIONS
       #NIGERIA
  RT   AFRICA

NIGHT
  2003 2103 3009
  RT   DARKENING
       DARKNESS
       DAYTIME
       DIURNAL VARIATIONS
       EVENING
       SHADOWS
       SKY BRIGHTNESS
       TWILIGHT GLOW

NIGHT AIRGLOW
  USE  NIGHTGLOW

NIGHT E LAYER
  USE  E REGION
       NIGHT SKY

NIGHT F LAYER
  USE  F REGION
       NIGHT SKY

NIGHT FLIGHTS (AIRCRAFT)
  0203 0502 1102 1402 2101
  RT % AIRCRAFT
       APPROACH CONTROL
       BLIND LANDING
       DARKNESS
       FLIGHT INSTRUMENTS
       INSTRUMENT APPROACH
       INSTRUMENT LANDING SYSTEMS
       NAP-OF-THE-EARTH NAVIGATION
       RADAR
       RADIO BEACONS
       VISIBILITY

NIGHT SKY
  1301 1302 2003 2402 3001
  UF   NIGHT E LAYER
       NIGHT F LAYER
  GS   SKY
       #NIGHT SKY
  RT   AIRGLOW
       AURORAS
       GEGENSCHEIN
       NIGHTGLOW
       SKY BRIGHTNESS
       TWILIGHT GLOW
       ZODIACAL LIGHT

NIGHT VISION
  0408 0506
  GS   VISION
       #NIGHT VISION
  RT   DARK ADAPTATION
       IMAGE INTENSIFIERS
       LIGHT ADAPTATION
       MICROCHANNELS
       NAP-OF-THE-EARTH NAVIGATION

NIGHTGLOW
  0710 1301 2003 3001
  UF   NIGHT AIRGLOW
  GS   ATMOSPHERIC RADIATION
       .SKY RADIATION
       ..AIRGLOW
       ..#NIGHTGLOW
       ELECTROMAGNETIC RADIATION
       .LIGHT (VISIBLE RADIATION)
       ..SKY RADIATION
       ...AIRGLOW
       ...#NIGHTGLOW
  RT   BIOMETEOROLOGY
       NIGHT SKY
       RADIO AURORAS
       SKY BRIGHTNESS

NIGOTRONS
  1504 2309 2402 2403
  GS   ELECTRON TUBES
       .VACUUM TUBES
       ..MICROWAVE TUBES
       ...MAGNETRONS
       ...#NIGOTRONS
       MICROWAVE EQUIPMENT
       .MICROWAVE OSCILLATORS
       ..MAGNETRONS
       ..#NIGOTRONS
       .MICROWAVE TUBES
       ..MAGNETRONS
       ..#NIGOTRONS
       OSCILLATORS
       .MICROWAVE OSCILLATORS
       ..MAGNETRONS
       ..#NIGOTRONS

NIHON AIRCRAFT
  0201 0204
  UF   NAMC AIRCRAFT
  GS  #NIHON AIRCRAFT
       .YS-11 AIRCRAFT
  RT % AIRCRAFT

NIHON YS-11 AIRCRAFT
  USE  YS-11 AIRCRAFT

NIKE BOOSTER ROCKET ENGINES
  2808 3101
  GS   ENGINES
       .ROCKET ENGINES
       ..BOOSTER ROCKET ENGINES
       ..#NIKE BOOSTER ROCKET ENGINES
       ..SOLID PROPELLANT ROCKET ENGINES
       ..#NIKE BOOSTER ROCKET ENGINES
  RT % NIKE ROCKETS

NIKE MISSILES
  3101 3401
  GS   MISSILES
       .SURFACE TO AIR MISSILES
       .#NIKE MISSILES
       ...NIKE-AJAX MISSILE
       ...NIKE-HERCULES MISSILE
       ...NIKE-ZEUS MISSILE
  RT   ANTIAIRCRAFT MISSILES
       ANTIMISSILE MISSILES
     % NIKE ROCKETS
       SENTINEL SYSTEM

NIKE PROJECT
  3106 3401
  GS   PROGRAMS
```

```
        .PROJECTS
        .#NIKE PROJECT
  RT % NIKE ROCKETS

NIKE ROCKET VEHICLES
  3101 3106 3401
  GS    ROCKET VEHICLES
        .MULTISTAGE ROCKET VEHICLES
        .#NIKE ROCKET VEHICLES
        ...NIKE-APACHE ROCKET VEHICLE
        ...NIKE-CAJUN ROCKET VEHICLE
        ...NIKE-HYDAC ROCKET VEHICLE
        ...NIKE-IROQUOIS ROCKET VEHICLE
        ...NIKE-JAVELIN ROCKET VEHICLE
        ...NIKE-TOMAHAWK ROCKET VEHICLE
  RT % NIKE ROCKETS
     % VEHICLES

% NIKE ROCKETS
  3101 3106 3401
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    NIKE BOOSTER ROCKET ENGINES
        NIKE MISSILES
        NIKE PROJECT
        NIKE ROCKET VEHICLES

NIKE X SYSTEMS
  3101 3401
  GS    WEAPON SYSTEMS
        .MISSILE SYSTEMS
        .#NIKE X SYSTEMS
  RT    ANTIMISSILE MISSILES
        MISSILES
        SURFACE TO AIR MISSILES
     % SYSTEMS

NIKE-AJAX MISSILE
  3101 3106 3401
  GS    MISSILES
        .ANTIAIRCRAFT MISSILES
        .#NIKE-AJAX MISSILE
        .SURFACE TO AIR MISSILES
        ..NIKE MISSILES
        ..#NIKE-AJAX MISSILE
  RT    ARGO ROCKET VEHICLES
        EXOS SOUNDING ROCKET
        LIQUID PROPELLANT ROCKET ENGINES
        SOLID PROPELLANT ROCKET ENGINES
        TRAILBLAZER 1 REENTRY VEHICLE

NIKE-APACHE ROCKET VEHICLE
  3101 3106 3401
  GS    ROCKET VEHICLES
        .MULTISTAGE ROCKET VEHICLES
        ..NIKE ROCKET VEHICLES
        ..#NIKE-APACHE ROCKET VEHICLE
  RT    SOLID PROPELLANT ROCKET ENGINES

NIKE-CAJUN ROCKET VEHICLE
  3101 3106 3401
  GS    ROCKET VEHICLES
        .MULTISTAGE ROCKET VEHICLES
        ..NIKE ROCKET VEHICLES
        ..#NIKE-CAJUN ROCKET VEHICLE
  RT    CAJUN ROCKET VEHICLE
        SOLID PROPELLANT ROCKET ENGINES

NIKE-HERCULES MISSILE
  3106 3401
  GS    MISSILES
        .ANTIAIRCRAFT MISSILES
        .#NIKE-HERCULES MISSILE
        .SURFACE TO AIR MISSILES
        ..NIKE MISSILES
        ..#NIKE-HERCULES MISSILE
  RT    SOLID PROPELLANT ROCKET ENGINES

NIKE-HYDAC ROCKET VEHICLE
  3106
  GS    ROCKET VEHICLES
        .MULTISTAGE ROCKET VEHICLES
        ..NIKE ROCKET VEHICLES
        ..#NIKE-HYDAC ROCKET VEHICLE
  RT % VEHICLES

NIKE-IROQUOIS ROCKET VEHICLE
  3106
  GS    ROCKET VEHICLES
        .MULTISTAGE ROCKET VEHICLES
        ..NIKE ROCKET VEHICLES
        ..#NIKE-IROQUOIS ROCKET VEHICLE
  RT % VEHICLES

NIKE-JAVELIN ROCKET VEHICLE
  3101 3106 3401
  GS    ROCKET VEHICLES
        .MULTISTAGE ROCKET VEHICLES
        ..NIKE ROCKET VEHICLES
        ..#NIKE-JAVELIN ROCKET VEHICLE
  RT    SOLID PROPELLANT ROCKET ENGINES
        SOUNDING ROCKETS

NIKE-TOMAHAWK ROCKET VEHICLE
  3106
  GS    ROCKET VEHICLES
        .MULTISTAGE ROCKET VEHICLES
        ..NIKE ROCKET VEHICLES
        ..#NIKE-TOMAHAWK ROCKET VEHICLE
  RT    SOLID PROPELLANT ROCKET ENGINES

NIKE-ZEUS MISSILE
  3101 3106 3401
  UF    ZEUS MISSILE
  GS    MISSILES
        .ANTIMISSILE MISSILES
        .#NIKE-ZEUS MISSILE
        .SURFACE TO AIR MISSILES
        ..NIKE MISSILES
        ..#NIKE-ZEUS MISSILE
  RT    SOLID PROPELLANT ROCKET ENGINES
        SPARTAN MISSILE
        SPRINT MISSILE

NIMBOSTRATUS CLOUDS
  1301 2003
  UF    NIMBUS CLOUDS
  GS    CLOUDS (METEOROLOGY)
        #NIMBOSTRATUS CLOUDS
  RT    CUMULONIMBUS CLOUDS
        PRECIPITATION (METEOROLOGY)
        STRATUS CLOUDS

NIMBUS CLOUDS
  USE   NIMBOSTRATUS CLOUDS

NIMBUS PROJECT
  2004
  GS    PROGRAMS
        .NASA PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#NIMBUS PROJECT
        .PROJECTS
        .#NIMBUS PROJECT
        .SPACE PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#NIMBUS PROJECT
  RT    CLOUD PHOTOGRAPHY
        METEOROLOGICAL SATELLITES
        SATELLITE OBSERVATION

NIMBUS SATELLITES
  2004 3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        .#NIMBUS SATELLITES
        ...NIMBUS 1 SATELLITE
        ...NIMBUS 2 SATELLITE
        ...NIMBUS 3 SATELLITE
        ...NIMBUS 4 SATELLITE
        ...NIMBUS 5 SATELLITE
        ...NIMBUS 6 SATELLITE
        ...NIMBUS 7 SATELLITE
  RT    CLOUD PHOTOGRAPHY
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        ESSA SATELLITES
        INFRARED PHOTOGRAPHY
        SATELLITE OBSERVATION
        THOR AGENA LAUNCH VEHICLE

NIMBUS 1 SATELLITE
  2004 3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NIMBUS SATELLITES
        ..#NIMBUS 1 SATELLITE
  RT    CLOUD PHOTOGRAPHY
        THOR AGENA LAUNCH VEHICLE

NIMBUS 2 SATELLITE
  2003 2004 3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NIMBUS SATELLITES
        ..#NIMBUS 2 SATELLITE
  RT    CLOUD PHOTOGRAPHY
        THOR AGENA LAUNCH VEHICLE

NIMBUS 3 SATELLITE
  2004 3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NIMBUS SATELLITES
        ..#NIMBUS 3 SATELLITE

NIMBUS 4 SATELLITE
  2004 3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NIMBUS SATELLITES
        ..#NIMBUS 4 SATELLITE

NIMBUS 5 SATELLITE
  2004 3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NIMBUS SATELLITES
        ..#NIMBUS 5 SATELLITE

NIMBUS 6 SATELLITE
  2004 3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NIMBUS SATELLITES
        ..#NIMBUS 6 SATELLITE

NIMBUS 7 SATELLITE
  3107 3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NIMBUS SATELLITES
        ..#NIMBUS 7 SATELLITE
  RT    TOTAL OZONE MAPPING SPECTROMETER

NIMONIC ALLOYS
  1701 1704
  GS    ALLOYS
        .HEAT RESISTANT ALLOYS
        .#NIMONIC ALLOYS
  RT    IRON ALLOYS
        NICKEL ALLOYS

NIMPHE (ENGINE)
  USE   HYDRAZINE ENGINES

NIMROD ACCELERATOR
  1504 2402 2403
  GS    PARTICLE ACCELERATORS
        #NIMROD ACCELERATOR
  RT %  ACCELERATORS

NIOBATES
  0603 1704 1804
  GS    NIOBIUM COMPOUNDS
        #NIOBATES
        ..LITHIUM NIOBATES
  RT    EUXENITE
        OXIDES
      % OXYGEN COMPOUNDS

NIOBIUM
  1703
  UF    COLUMBIUM
  GS    CHEMICAL ELEMENTS
        #NIOBIUM
        ..NIOBIUM ISOTOPES
        ...NIOBIUM 95
        METALS
        .REFRACTORY METALS
        .#NIOBIUM
        ...NIOBIUM ISOTOPES
        ....NIOBIUM 95
        .TRANSITION METALS
        .#NIOBIUM
        ...NIOBIUM ISOTOPES
        ....NIOBIUM 95
        REFRACTORY MATERIALS
        .REFRACTORY METALS
        .#NIOBIUM
        ...NIOBIUM ISOTOPES
        ....NIOBIUM 95

NIOBIUM ALLOYS
  1701 1704
  GS    ALLOYS
        .HEAT RESISTANT ALLOYS
        ..REFRACTORY METAL ALLOYS
        ..#NIOBIUM ALLOYS
        REFRACTORY MATERIALS
        .REFRACTORY METAL ALLOYS
        .#NIOBIUM ALLOYS
  RT    HAFNIUM ALLOYS

NIOBIUM CARBIDES
  0603 1808
  GS    CARBON COMPOUNDS
        .CARBIDES
        .#NIOBIUM CARBIDES
        NIOBIUM COMPOUNDS
        #NIOBIUM CARBIDES

NIOBIUM COMPOUNDS
  0603
  GS   #NIOBIUM COMPOUNDS
        .NIOBATES
        ..LITHIUM NIOBATES
        .NIOBIUM CARBIDES
        .NIOBIUM IODIDES
        .NIOBIUM OXIDES
        .NIOBIUM STANNIDES
  RT %  CHEMICAL COMPOUNDS
     %  GROUP 5B COMPOUNDS
     %  METAL COMPOUNDS

NIOBIUM IODIDES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .HALIDES
        ..METAL HALIDES
        ..#NIOBIUM IODIDES
        .IODINE COMPOUNDS
        ..IODIDES
        ..#NIOBIUM IODIDES
        NIOBIUM COMPOUNDS
        #NIOBIUM IODIDES

NIOBIUM ISOTOPES
  1703 2406
  GS    CHEMICAL ELEMENTS
        .NIOBIUM
        .#NIOBIUM ISOTOPES
        ...NIOBIUM 95
        .NUCLIDES
        ..ISOTOPES
        ..#NIOBIUM ISOTOPES
        ....NIOBIUM 95
        METALS
        .REFRACTORY METALS
        ..NIOBIUM
        ..#NIOBIUM ISOTOPES
```

....NIOBIUM 95
.TRANSITION METALS
..NIOBIUM
..#NIOBIUM ISOTOPES
....NIOBIUM 95
REFRACTORY MATERIALS
.REFRACTORY METALS
..NIOBIUM
..#NIOBIUM ISOTOPES
....NIOBIUM 95

NIOBIUM OXIDES
0603 1804
GS CHALCOGENIDES
.OXIDES
..METAL OXIDES
..#NIOBIUM OXIDES
NIOBIUM COMPOUNDS
#NIOBIUM OXIDES

NIOBIUM STANNIDES
0603 1804
GS NIOBIUM COMPOUNDS
#NIOBIUM STANNIDES
TIN COMPOUNDS
.STANNIDES
.#NIOBIUM STANNIDES

NIOBIUM 95
0603 2406
GS CHEMICAL ELEMENTS
.NIOBIUM
..NIOBIUM ISOTOPES
..#NIOBIUM 95
.NUCLIDES
..ISOTOPES
...NIOBIUM ISOTOPES
...#NIOBIUM 95
...RADIOACTIVE ISOTOPES
...#NIOBIUM 95
METALS
.REFRACTORY METALS
..NIOBIUM
...NIOBIUM ISOTOPES
...#NIOBIUM 95
.TRANSITION METALS
..NIOBIUM
...NIOBIUM ISOTOPES
...#NIOBIUM 95
REFRACTORY MATERIALS
.REFRACTORY METALS
..NIOBIUM
...NIOBIUM ISOTOPES
...#NIOBIUM 95

NIPS (SYSTEM)
USE NASA INTERACTIVE PLANNING SYSTEM

NITINOL ALLOYS
1701 1704
GS ALLOYS
.NICKEL ALLOYS
.#NITINOL ALLOYS
.SHAPE MEMORY ALLOYS
.#NITINOL ALLOYS
.TITANIUM ALLOYS
.#NITINOL ALLOYS

NITRAMINE PROPELLANTS
2701
GS PROPELLANTS
.ROCKET PROPELLANTS
.#NITRAMINE PROPELLANTS
.SOLID PROPELLANTS
.#NITRAMINE PROPELLANTS
RT OXIDIZERS

NITRASOL EXPLOSIVES
1808 3302
GS EXPLOSIVES
#NITRASOL EXPLOSIVES
PROPELLANTS
#NITRASOL EXPLOSIVES

NITRATE ESTERS
0603 1808
GS ESTERS
#NITRATE ESTERS
..ISOPROPYL NITRATE
..PROPYL NITRATE
NITROGEN COMPOUNDS
#NITRATE ESTERS
..ISOPROPYL NITRATE
..PROPYL NITRATE

NITRATES
0603
GS NITROGEN COMPOUNDS
#NITRATES
..DINITRATES
..INORGANIC NITRATES
...AMMONIUM NITRATES
...HYDRAZINE NITRATE
...POTASSIUM NITRATES
...SILVER NITRATES
...SODIUM NITRATES
..METHYL NITRATE
..ORGANIC NITRATES
...CELLULOSE NITRATE
...NITROFORMS
....HYDRAZINE NITROFORM
...NITROGLYCERIN
...PETN

NITRATION
0602 0603
GS CHEMICAL REACTIONS
#NITRATION
RT DENITROGENATION

NITRIC ACID
0603
GS ACIDS
#NITRIC ACID
NITROGEN COMPOUNDS
#NITRIC ACID
RT NITROUS ACID

NITRIC OXIDE
0603
GS CHALCOGENIDES
.OXIDES
..NITROGEN OXIDES
..#NITRIC OXIDE
NITROGEN COMPOUNDS
.NITROGEN OXIDES
.#NITRIC OXIDE
RT NITROSYLS

NITRIDES
0603 1804
GS NITROGEN COMPOUNDS
#NITRIDES
..BORON NITRIDES
..METAL NITRIDES
...ALUMINUM NITRIDES
...BERYLLIUM NITRIDES
...GALLIUM NITRIDES
...TANTALUM NITRIDES
...TITANIUM NITRIDES
...ZIRCONIUM NITRIDES
..OXYNITRIDES
..SILICON NITRIDES
RT CERAMIC NUCLEAR FUELS
MOLTEN SALTS

NITRIDING
0602 0603
GS CHEMICAL REACTIONS
#NITRIDING
HARDENING (MATERIALS)
#NITRIDING
HEAT TREATMENT
#NITRIDING

NITRILES
0603 1808
GS #NITRILES
.ACETONITRILE
.ACRYLONITRILES
..POLYACRYLONITRILE
.MALONONITRILE
.PHOSPHONITRILES
RT CYANO COMPOUNDS

NITRITES
0603 1808
GS NITROGEN COMPOUNDS
#NITRITES

NITRO COMPOUNDS
0603 3302
GS NITROGEN COMPOUNDS
#NITRO COMPOUNDS
..NITROBENZENES
...TRINITROTOLUENE
..NITROGLYCERIN
..NITROGUANIDINE
..NITROMETHANE
..NITROPROPANE
..PICRATES
...AMMONIUM PICRATES
..POLYBUTADIENE TETRANITRAMINE
..TETRYL
..TRINITRO COMPOUNDS
RT % CHEMICAL COMPOUNDS

NITROAMINES
0603
GS AMINES
#NITROAMINES
NITROGEN COMPOUNDS
#NITROAMINES

NITROBACTER
0407 0412
GS MICROORGANISMS
.BACTERIA
.#NITROBACTER

NITROBENZENES
0603 3302
GS NITROGEN COMPOUNDS
.NITRO COMPOUNDS
.#NITROBENZENES
...TRINITROTOLUENE

NITROCELLULOSE
USE CELLULOSE NITRATE

NITROFLUORAMINES
1808
GS AMINES
.FLUOROAMINES
.#NITROFLUORAMINES
HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORO COMPOUNDS
...FLUORINE ORGANIC COMPOUNDS
....FLUOROAMINES
....#NITROFLUORAMINES
NITROGEN COMPOUNDS
#NITROFLUORAMINES
ORGANIC COMPOUNDS
.FLUORINE ORGANIC COMPOUNDS
..FLUOROAMINES
..#NITROFLUORAMINES

NITROFORMATES
0603 1808
GS FORMATES
#NITROFORMATES
NITROGEN COMPOUNDS
#NITROFORMATES

NITROFORMS
0603 1808
GS ESTERS
.ORGANIC NITRATES
.#NITROFORMS
...HYDRAZINE NITROFORM
NITROGEN COMPOUNDS
.NITRATES
..ORGANIC NITRATES
..#NITROFORMS
....HYDRAZINE NITROFORM

NITROGEN
1807
GS CHEMICAL ELEMENTS
#NITROGEN
..LIQUID NITROGEN
..NITROGEN ISOTOPES
...NITROGEN 15
...NITROGEN 16
..SOLID NITROGEN
GASES
#NITROGEN
..LIQUID NITROGEN
..NITROGEN ISOTOPES
...NITROGEN 15
...NITROGEN 16
..SOLID NITROGEN
RT KJELDAHL METHOD
NITROGEN ATOMS
NITROGEN IONS
NITROGEN LASERS
NITROGENATION
NITROLYSIS
REACTION BONDING
SIALON
VEGARD-KAPLAN BANDS
WOLF-RAYET STARS

NITROGEN ATOMS
0603 2405
GS ATOMS
#NITROGEN ATOMS
RT NITROGEN

NITROGEN COMPOUNDS
0603 1704 1804 1808
GS #NITROGEN COMPOUNDS
.ALKALOIDS
..ATROPINE
..BETAINES
..CAFFEINE
..COLCHICINE
..ERGOTAMINE
..HYOSCINE
..LYSERGINE
..MORPHINE
..NICOTINAMIDE
..NICOTINE
..PILOCARPINE
..RESERPINE
..STRYCHNINE
..TROPYL COMPOUNDS
.AMIDES
..ACETANILIDE
..ACETAZOLAMIDE
..CARBAMIDES
..CYANAMIDES
..FORMHYDROXAMIC ACID
..NICOTINAMIDE
..OXAMIC ACIDS
..POLYIMIDES
...BISMALEIMIDE
..SUCCINIMIDES
..UREAS
...DIFLUOROUREA
...THIOUREAS
...THIURONIUM
.AMMONIA
..LIQUID AMMONIA
.AZIDES (INORGANIC)
..HYDROGEN AZIDES
..SODIUM AZIDES
.AZIDES (ORGANIC)
..SODIUM AZIDES

..TRIAMINOGUANIDINIUM AZIDE
.AZO COMPOUNDS
..HMX
..RDX
.CYANO COMPOUNDS
..CYANAMIDES
..CYANOACETYLENE
..ISOCYANATES
...DIISOCYANATES
...FULMINATES
.FOLIC ACID
.HYDRAZINIUM COMPOUNDS
.HYDRAZOIC ACID
.HYDRAZONES
.HYDROCYANIC ACID
.IMIDES
..BISMALEIMIDE
..SUCCINIMIDES
.IMINES
.NITRATE ESTERS
..ISOPROPYL NITRATE
..PROPYL NITRATE
.NITRATES
..DINITRATES
..INORGANIC NITRATES
...AMMONIUM NITRATES
...HYDRAZINE NITRATE
...POTASSIUM NITRATES
...SILVER NITRATES
...SODIUM NITRATES
..METHYL NITRATE
..ORGANIC NITRATES
...CELLULOSE NITRATE
...NITROFORMS
....HYDRAZINE NITROFORM
...NITROGLYCERIN
...PETN
.NITRIC ACID
.NITRIDES
..BORON NITRIDES
..METAL NITRIDES
...ALUMINUM NITRIDES
...BERYLLIUM NITRIDES
...GALLIUM NITRIDES
...TANTALUM NITRIDES
...TITANIUM NITRIDES
...ZIRCONIUM NITRIDES
..OXYNITRIDES
..SILICON NITRIDES
.NITRITES
.NITRO COMPOUNDS
..NITROBENZENES
...TRINITROTOLUENE
..NITROGLYCERIN
..NITROGUANIDINE
..NITROMETHANE
..NITROPROPANE
..PICRATES
...AMMONIUM PICRATES
..POLYBUTADIENE TETRANITRAMINE
..TETRYL
..TRINITRO COMPOUNDS
.NITROAMINES
.NITROFLUORAMINES
.NITROFORMATES
.NITROGEN FLUORIDES
.NITROGEN HYDRIDES
..AMINO RADICAL
.NITROGEN OXIDES
..NITRIC OXIDE
..NITROGEN DIOXIDE
..NITROGEN TETROXIDE
..NITROUS OXIDES
.NITROGEN POLYMERS
.NITROSAMINE
.NITROSO COMPOUNDS
..NITROSYLS
.NITROXYCHLORIDES
.NITRYL CHLORIDES
.NITRYL FLUORIDES
.PHOSPHONITRILES
.QUINOLINE
.THIAZINE (TRADEMARK)
.THYMINE
.TRINITRAMINE
.TRYPTOPHAN
.URACIL
.XANTHINES
..CAFFEINE
..GUANINES
..URIC ACID
RT % CHEMICAL COMPOUNDS
CYANIDES
% GROUP 5A COMPOUNDS
PHOSPHAZENE

NITROGEN DIOXIDE
0603 1804
GS CHALCOGENIDES
.OXIDES
..NITROGEN OXIDES
..#NITROGEN DIOXIDE
NITROGEN COMPOUNDS
.NITROGEN OXIDES
.#NITROGEN DIOXIDE

NITROGEN FIXATION
USE NITROGENATION

NITROGEN FLUORIDES
0603
GS HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORIDES
..#NITROGEN FLUORIDES
.HALIDES
..FLUORIDES
..#NITROGEN FLUORIDES
NITROGEN COMPOUNDS
#NITROGEN FLUORIDES

NITROGEN HYDRIDES
0603 1804
GS HYDROGEN COMPOUNDS
.HYDRIDES
.#NITROGEN HYDRIDES
...AMINO RADICAL
NITROGEN COMPOUNDS
#NITROGEN HYDRIDES
..AMINO RADICAL
RT AMMONIA
HYDRAZOIC ACID

NITROGEN IONS
0603 1804
GS IONS
#NITROGEN IONS
RT NEGATIVE IONS
NITROGEN

NITROGEN ISOTOPES
2406
GS CHEMICAL ELEMENTS
.NITROGEN
.#NITROGEN ISOTOPES
...NITROGEN 15
...NITROGEN 16
.NUCLIDES
..ISOTOPES
..#NITROGEN ISOTOPES
....NITROGEN 15
....NITROGEN 16
GASES
.NITROGEN
.#NITROGEN ISOTOPES
...NITROGEN 15
...NITROGEN 16

NITROGEN LASERS
1601
GS STIMULATED EMISSION DEVICES
.LASERS
..GAS LASERS
..#NITROGEN LASERS
RT LASING

NITROGEN
POPULATION INVERSION
PULSED LASERS
ULTRAVIOLET LASERS

NITROGEN METABOLISM
0403 0404 0408
GS METABOLISM
#NITROGEN METABOLISM
RT BIOCHEMISTRY
% BIOLOGY
ENZYMOLOGY
HYDROGEN METABOLISM
NUTRITION

NITROGEN OXIDES
0603
GS CHALCOGENIDES
.OXIDES
.#NITROGEN OXIDES
...NITRIC OXIDE
...NITROGEN DIOXIDE
...NITROGEN TETROXIDE
...NITROUS OXIDES
NITROGEN COMPOUNDS
#NITROGEN OXIDES
..NITRIC OXIDE
..NITROGEN DIOXIDE
..NITROGEN TETROXIDE
..NITROUS OXIDES
RT NITROSYLS
NITROUS ACID
PHOTOCHEMICAL OXIDANTS

NITROGEN PLASMA
2502
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
...PLASMAS (PHYSICS)
...#NITROGEN PLASMA

NITROGEN POLYMERS
0603 1810
GS NITROGEN COMPOUNDS
#NITROGEN POLYMERS
RT % POLYMERS

NITROGEN TETROXIDE
0603 1804
GS CHALCOGENIDES
.OXIDES
..NITROGEN OXIDES
..#NITROGEN TETROXIDE
NITROGEN COMPOUNDS
.NITROGEN OXIDES
.#NITROGEN TETROXIDE
RT LIQUID ROCKET PROPELLANTS
ROCKET OXIDIZERS

NITROGEN 15
0603 2406
GS CHEMICAL ELEMENTS
.NITROGEN
..NITROGEN ISOTOPES
..#NITROGEN 15
.NUCLIDES
..ISOTOPES
...NITROGEN ISOTOPES
...#NITROGEN 15
GASES
.NITROGEN
..NITROGEN ISOTOPES
..#NITROGEN 15

NITROGEN 16
0603 1807 2406
GS CHEMICAL ELEMENTS
.NITROGEN
..NITROGEN ISOTOPES
..#NITROGEN 16
.NUCLIDES
..ISOTOPES
...NITROGEN ISOTOPES
...#NITROGEN 16
...RADIOACTIVE ISOTOPES
...#NITROGEN 16
GASES
.NITROGEN
..NITROGEN ISOTOPES
..#NITROGEN 16

NITROGENATION
0403
UF NITROGEN FIXATION
GS CHEMICAL REACTIONS
#NITROGENATION
RT LEGUMINOUS PLANTS
LIGHTNING
NITROGEN

NITROGLYCERIN
0603 3302
GS ESTERS
.ORGANIC NITRATES
.#NITROGLYCERIN
NITROGEN COMPOUNDS
.NITRATES
..ORGANIC NITRATES
..#NITROGLYCERIN
.NITRO COMPOUNDS
.#NITROGLYCERIN
RT DOUBLE BASE PROPELLANTS
DOUBLE BASE ROCKET PROPELLANTS
DYNAMITE
EXPLOSIVES
GLYCERIDES
GLYCEROLS

NITROGUANIDINE
0603 3302
UF HBNQ
GS NITROGEN COMPOUNDS
.NITRO COMPOUNDS
.#NITROGUANIDINE
RT EXPLOSIVES
SOLID PROPELLANTS

NITROLYSIS
0602
GS CHEMICAL REACTIONS
#NITROLYSIS
DECOMPOSITION
#NITROLYSIS
RT CRACKING (CHEMICAL ENGINEERING)
NITROGEN

NITROMETHANE
0603 3302
GS NITROGEN COMPOUNDS
.NITRO COMPOUNDS
.#NITROMETHANE
RT BSX
EXPLOSIVES

NITRONIUM COMPOUNDS
0603
GS #NITRONIUM COMPOUNDS
.NITRONIUM PERCHLORATE
RT % CHEMICAL COMPOUNDS

NITRONIUM PERCHLORATE
0603 2702
GS HALOGEN COMPOUNDS
.CHLORINE COMPOUNDS
..PERCHLORATES
..#NITRONIUM PERCHLORATE
NITRONIUM COMPOUNDS
#NITRONIUM PERCHLORATE
RT ROCKET OXIDIZERS

NITROPROPANE
1808
GS NITROGEN COMPOUNDS
.NITRO COMPOUNDS

.#NITROPROPANE
ORGANIC COMPOUNDS
.HYDROCARBONS
..ALIPHATIC HYDROCARBONS
...ALKANES
...#NITROPROPANE
RT PROPANE

NITROSAMINE
1808
GS AMINES
#NITROSAMINE
NITROGEN COMPOUNDS
#NITROSAMINE

NITROSO COMPOUNDS
0603
GS NITROGEN COMPOUNDS
#NITROSO COMPOUNDS
..NITROSYLS
RT % CHEMICAL COMPOUNDS
ORGANIC COMPOUNDS

NITROSYL CHLORIDES
0603 1804
GS HALOGEN COMPOUNDS
.CHLORINE COMPOUNDS
..CHLORIDES
..#NITROSYL CHLORIDES
.HALIDES
..CHLORIDES
..#NITROSYL CHLORIDES
.NITROSYLS
.#NITROSYL CHLORIDES

NITROSYLS
0603
GS HALOGEN COMPOUNDS
#NITROSYLS
..NITROSYL CHLORIDES
NITROGEN COMPOUNDS
.NITROSO COMPOUNDS
.#NITROSYLS
RT AMINES
ESTERS
HALIDES
NITRIC OXIDE
NITROGEN OXIDES

NITROUS ACID
0603
RT AIR POLLUTION
ATMOSPHERIC CHEMISTRY
NITRIC ACID
NITROGEN OXIDES
REACTION KINETICS

NITROUS OXIDES
1804
GS CHALCOGENIDES
.OXIDES
..NITROGEN OXIDES
..#NITROUS OXIDES
NITROGEN COMPOUNDS
.NITROGEN OXIDES
.#NITROUS OXIDES

NITROXYCHLORIDES
1804
GS HALOGEN COMPOUNDS
.CHLORINE COMPOUNDS
..CHLORIDES
..#NITROXYCHLORIDES
.HALIDES
..CHLORIDES
..#NITROXYCHLORIDES
NITROGEN COMPOUNDS
#NITROXYCHLORIDES

NITRYL CHLORIDES
1804
GS HALOGEN COMPOUNDS
.CHLORINE COMPOUNDS
..CHLORIDES
..#NITRYL CHLORIDES
.HALIDES
..CHLORIDES
..#NITRYL CHLORIDES
NITROGEN COMPOUNDS
#NITRYL CHLORIDES

NITRYL FLUORIDES
1804
GS HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORIDES
..#NITRYL FLUORIDES
NITROGEN COMPOUNDS
#NITRYL FLUORIDES

NMR
USE NUCLEAR MAGNETIC RESONANCE

NOAA E
USE NOAA 8 SATELLITE

NOAA F SATELLITE
USE NOAA 9 SATELLITE

NOAA G SATELLITE
USE NOAA 10 SATELLITE

NOAA SATELLITES
2002 2004
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
.#NOAA SATELLITES
...NOAA 2 SATELLITE
...NOAA 3 SATELLITE
...NOAA 4 SATELLITE
...NOAA 5 SATELLITE
...NOAA 6 SATELLITE
...NOAA 7 SATELLITE
...NOAA 8 SATELLITE
...NOAA 9 SATELLITE
...NOAA 10 SATELLITE
RT SMS 1
SMS 2

NOAA 2 SATELLITE
2002 2004
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
..NOAA SATELLITES
..#NOAA 2 SATELLITE

NOAA 3 SATELLITE
2002 2004
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
..NOAA SATELLITES
..#NOAA 3 SATELLITE

NOAA 4 SATELLITE
3107
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
..NOAA SATELLITES
..#NOAA 4 SATELLITE

NOAA 5 SATELLITE
3107
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
..NOAA SATELLITES
..#NOAA 5 SATELLITE

NOAA 6 SATELLITE
3107
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
..NOAA SATELLITES
..#NOAA 6 SATELLITE
RT ADVANCED VERY HIGH RESOLUTION
RADIOMETER

```
NOAA 7 SATELLITE
  1901
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NOAA SATELLITES
        ..#NOAA 7 SATELLITE
  RT    ADVANCED VERY HIGH RESOLUTION
        RADIOMETER
        TIROS N SERIES SATELLITES

NOAA 8 SATELLITE
  3107
  UF    NOAA E
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NOAA SATELLITES
        ..#NOAA 8 SATELLITE
  RT    ADVANCED VERY HIGH RESOLUTION
        RADIOMETER
        SARSAT

NOAA 9 SATELLITE
  3107
  UF    NOAA F SATELLITE
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NOAA SATELLITES
        ..#NOAA 9 SATELLITE

NOAA 10 SATELLITE
  3107
  UF    NOAA G SATELLITE
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..NOAA SATELLITES
        ..#NOAA 10 SATELLITE

NOBELIUM
  0603 1703 2406
  GS    CHEMICAL ELEMENTS
        .ACTINIDE SERIES
        ..TRANSURANIUM ELEMENTS
        ..#NOBELIUM
        .NUCLIDES
        ..ISOTOPES
        ...RADIOACTIVE ISOTOPES
        ....TRANSURANIUM ELEMENTS
        ....#NOBELIUM
        METALS
        .ACTINIDE SERIES
        ..TRANSURANIUM ELEMENTS
        ..#NOBELIUM
  RT    NOBELIUM ISOTOPES

NOBELIUM ISOTOPES
  0603 2406
  GS    CHEMICAL ELEMENTS
        .NUCLIDES
        ..ISOTOPES
        ..#NOBELIUM ISOTOPES
  RT    NOBELIUM

NOBLE GASES
  USE   RARE GASES

NOBLE METALS
  0603
  UF    PRECIOUS METALS
  GS    METALS
        #NOBLE METALS
        ..GOLD
        ...GOLD ISOTOPES
        ....GOLD 198
        ..RUTHENIUM
        ...RUTHENIUM ISOTOPES
        ..SILVER
        ...SILVER ISOTOPES
  RT % GROUP 1B COMPOUNDS

NOCTILUCENCE
  USE   LUMINESCENCE

NOCTILUCENT CLOUDS
  0605 1302 2003 3009
  GS    CLOUDS (METEOROLOGY)
        #NOCTILUCENT CLOUDS
  RT    LUMINESCENCE

NOCTURNAL VARIATIONS
  1902
  GS    VARIATIONS
        .MAGNETIC VARIATIONS
        .#NOCTURNAL VARIATIONS
        .PERIODIC VARIATIONS
        .#NOCTURNAL VARIATIONS
  RT    DIURNAL VARIATIONS
        GEOMAGNETIC MICROPULSATIONS
        GEOMAGNETIC PULSATIONS

NODES (STANDING WAVES)
  1901 2402
  RT    ANTINODES
        HARMONICS
        RESONANT FREQUENCIES
        STANDING WAVES
        VIBRATION
        WAVELENGTHS
      % WAVES

NODULES
  0404 0409
  RT    LEGUMINOUS PLANTS
        PARTICLES
        SPHERES
        SPHERULITES

NOE NAVIGATION
  USE   NAP-OF-THE-EARTH NAVIGATION

NOESS
  3107
  SN    (NATIONAL OPERATIONAL
        ENVIRONMENTAL SATELLITE SYSTEM)
  UF    NATIONAL OPERATIONAL ENVIRONMENTAL
        SAT SYS
  RT    METEOROLOGICAL SATELLITES
        METEOROLOGY
        NASA PROGRAMS
        OBSERVATION
      % SYSTEMS

% NOISE
  0704
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    BACKGROUND NOISE
        CONTINUOUS NOISE
        EFFECTIVE PERCEIVED NOISE LEVELS
        ELECTROMAGNETIC NOISE
        HUM
        INFORMATION THEORY
        NOISE (SOUND)
        NOISE PROPAGATION
        NOISE SPECTRA
        RANDOM NOISE
        SIGNAL TO NOISE RATIOS
        SPATIAL FILTERING
        WHITE NOISE

NOISE (SOUND)
  0704 0710 2402
  UF    NOISE HAZARDS
  GS    ELASTIC WAVES
        .SOUND WAVES
        .#NOISE (SOUND)
        ...AERODYNAMIC NOISE
        ....BLADE SLAP NOISE
        ....PROPELLER NOISE
        ...AIRCRAFT NOISE
        ....BLADE SLAP NOISE
        ....JET AIRCRAFT NOISE
        ....PROPELLER NOISE
        ....SONIC BOOMS
```

...ENGINE NOISE
....ROCKET ENGINE NOISE
...THERMAL NOISE
RT ACOUSTICS
AEOLIAN TONES
AIRCRAFT HAZARDS
AMBIENCE
AUDITORY STIMULI
AUDITORY TASKS
BACKGROUND NOISE
ECHOES
EFFECTIVE PERCEIVED NOISE LEVELS
FLIGHT HAZARDS
HUMAN FACTORS ENGINEERING
HYPERSONIC SHOCK
JET BLAST EFFECTS
LOUDNESS
MUFFLERS
NOISE INJURIES
OPERATIONAL HAZARDS
RANDOM NOISE
RANDOM VIBRATION
REVERBERATION
SHOCK WAVES
SOUND PRESSURE
UNDERWATER ACOUSTICS
WHITE NOISE

NOISE ATTENUATION
USE NOISE REDUCTION

NOISE ELIMINATION
USE NOISE REDUCTION

NOISE GENERATORS
2301
RT ELECTROMAGNETIC NOISE
% GENERATORS
RADIO FREQUENCY INTERFERENCE
RANDOM NOISE
SOUND GENERATORS
SOUND PROPAGATION

NOISE HAZARDS
USE HAZARDS
NOISE (SOUND)

NOISE INJURIES
0203 3203
GS INJURIES
#NOISE INJURIES
RT EAR PROTECTORS

NOISE INTENSITY
0203 1406 2301
RT AIRCRAFT NOISE
AUDITORY STIMULI
EFFECTIVE PERCEIVED NOISE LEVELS
ELECTROMAGNETIC NOISE
% INTENSITY
PROPELLER NOISE
PSYCHOACOUSTICS
SIRENS
SOUND INTENSITY

NOISE MEASUREMENT
0704 1406 1902 3501
GS ACOUSTIC MEASUREMENT
#NOISE MEASUREMENT
RT AERODYNAMIC NOISE
AIRCRAFT NOISE
BACKGROUND NOISE
JET AIRCRAFT NOISE
LOUDNESS
% MEASUREMENT
NOISE (SOUND)
PROPELLER NOISE
SOUND INTENSITY

NOISE METERS
1406 2301
SN (LIMITED TO ACOUSTIC NOISE)
GS MEASURING INSTRUMENTS
#NOISE METERS
RT ACOUSTIC MEASUREMENT
FIELD INTENSITY METERS
PRESSURE MEASUREMENT

NOISE POLLUTION
0408 0411 0504 0506 0511 0704 0710
1101 1104 1107 1108 2301 3501
GS POLLUTION
#NOISE POLLUTION
RT ACOUSTICS
AUDIO FREQUENCIES
ENVIRONMENT EFFECTS
ENVIRONMENT POLLUTION
ENVIRONMENTAL QUALITY
HUMAN REACTIONS
HUMAN TOLERANCES
PHYSIOLOGICAL EFFECTS
PHYSIOLOGICAL FACTORS
SOUND WAVES

NOISE PREDICTION
1406
GS PREDICTIONS
#NOISE PREDICTION

NOISE PREDICTION (AIRCRAFT)
0203
UF AIRCRAFT NOISE PREDICTION
GS PREDICTIONS
#NOISE PREDICTION (AIRCRAFT)
RT AEROACOUSTICS
% AIRCRAFT
AIRCRAFT NOISE
ESTIMATES
FORECASTING
PROPELLER NOISE
SOUND WAVES

NOISE PROPAGATION
0710 2301
RT ACOUSTICS
COHERENCE COEFFICIENT
CONTINUOUS NOISE
FAR FIELDS
NOISE SPECTRA
SIGNAL TO NOISE RATIOS
SOUND PROPAGATION

NOISE REDUCTION
0702 0704 1001 2301 2402 3501
UF NOISE ATTENUATION
NOISE ELIMINATION
NOISE SUPPRESSORS
RT ACOUSTIC ATTENUATION
ACOUSTIC DUCTS
ACOUSTIC RETROFITTING
ACOUSTICS
AERODYNAMIC NOISE
AIRCRAFT NOISE
COAXIAL NOZZLES
DELAYED FLAP APPROACH
EAR PROTECTORS
ECHO SUPPRESSORS
EFFECTIVE PERCEIVED NOISE LEVELS
ELECTRICAL GROUNDING
ELECTROMAGNETIC INTERFERENCE
ELECTROMAGNETIC NOISE
FLIGHT RULES
GRAZING FLOW
HELMHOLTZ RESONATORS
INTERFERENCE IMMUNITY
ISOLATORS
JET AIRCRAFT NOISE
LOUDNESS
MUFFLERS
PROPELLER NOISE
QUIET ENGINE PROGRAM
% REDUCTION
SHOCK WAVE ATTENUATION
SILENCE
SQUELCH CIRCUITS

SUPPRESSORS
SYNCHROPHASING
VIBRATION ISOLATORS

NOISE SPECTRA
0704 2402 3501
GS SPECTRA
#NOISE SPECTRA
RT ACOUSTIC FREQUENCIES
BACKGROUND NOISE
CHANNEL NOISE
ELECTROMAGNETIC COMPATIBILITY
ELECTROMAGNETIC NOISE
ELECTROMAGNETIC SPECTRA
NOISE (SOUND)
RADIATION SPECTRA
RANDOM NOISE
RANDOM SIGNALS
SHOCK SPECTRA
SIGNAL TO NOISE RATIOS
WHITE NOISE

NOISE STORMS
0704 0710 2402
GS STORMS
#NOISE STORMS
RT COSMIC NOISE
ELECTROMAGNETIC NOISE
IONOSPHERIC STORMS
MAGNETIC STORMS
RADIO FREQUENCY INTERFERENCE
SOLAR STORMS

NOISE SUPPRESSORS
USE NOISE REDUCTION

NOISE TEMPERATURE
0704 2402 3501
GS TEMPERATURE
#NOISE TEMPERATURE
RT ELECTROMAGNETIC NOISE
ELECTRON ENERGY
ELECTRON STATES
TEMPERATURE MEASUREMENT
THERMAL NOISE

NOISE THRESHOLD
0704 0902 2402
RT AUDITORY FATIGUE
AUDITORY PERCEPTION
BACKGROUND NOISE
SIGNAL TO NOISE RATIOS
% THRESHOLDS

NOISE TOLERANCE
0408 0506
RT HAZARDS
HUMAN TOLERANCES
TOLERANCES (PHYSIOLOGY)

NOMAD LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
#NOMAD LAUNCH VEHICLE
ROCKET VEHICLES
.SINGLE STAGE ROCKET VEHICLES
.#NOMAD LAUNCH VEHICLE
RT ATLAS LAUNCH VEHICLES
LIQUID PROPELLANT ROCKET ENGINES

NOMENCLATURES
3405
RT DEFINITION
DESCRIPTIONS
DICTIONARIES
MNEMONICS
SEMANTICS
SYMBOLS
TERMINOLOGY
THESAURI

NOMINAL VALUES
USE APPROXIMATION

NOMOGRAMS
USE NOMOGRAPHS

NOMOGRAPHS
1902 3501
UF ISOPLETHS
NOMOGRAMS
GS ANALYSIS (MATHEMATICS)
.NUMERICAL ANALYSIS
.#NOMOGRAPHS
RT CHARTS
GRAPHS (CHARTS)

NON-INTRUSIVE MEASUREMENT
USE NONINTRUSIVE MEASUREMENT

NONADIABATIC CONDITIONS
3303 3501
GS CONDITIONS
#NONADIABATIC CONDITIONS
RT ENERGY TRANSFER
HEAT TRANSFER
NONISOTHERMAL PROCESSES
THERMODYNAMICS

NONADIABATIC PROCESSES
USE HEAT TRANSFER

NONADIABATIC THEORY
1203 2307 3501
RT ADIABATIC EQUATIONS
CHARGED PARTICLES
ENERGY DISSIPATION
IONIZATION CROSS SECTIONS
MAGNETIC DISTURBANCES
% THEORIES
WAVE PROPAGATION

NONANES
1807 1808
GS ORGANIC COMPOUNDS
.HYDROCARBONS
..ALIPHATIC HYDROCARBONS
...ALKANES
...#NONANES

NONAQUEOUS ELECTROLYTES
0604 1703 1802 1807 2304
GS CONDUCTORS
.ELECTROLYTES
.#NONAQUEOUS ELECTROLYTES
RT ELECTRIC BATTERIES
% ELECTRIC CELLS
ELECTROCHEMISTRY
ELECTROLYTIC CELLS
PRIMARY BATTERIES
STORAGE BATTERIES
WET CELLS

NONCONDENSABLE GASES
1203 1807 3501
GS GASES
#NONCONDENSABLE GASES
RT CRITICAL TEMPERATURE
GAS-LIQUID INTERACTIONS
LIQUEFACTION

NONCONDUCTORS
USE ELECTRICAL INSULATION

NONCONSERVATIVE FORCES
2311
RT CONSERVATION
CONSERVATION EQUATIONS
CONSERVATION LAWS
CONTINUITY EQUATION
% FORCE

NONDESTRUCTIVE TESTS
1106 1108 1505 3501
UF FLAW DETECTION

```
  GS  #NONDESTRUCTIVE TESTS
       .NEUTRON RADIOGRAPHY
  RT   ACOUSTIC EMISSION
       ACOUSTIC IMAGING
       ADHESION TESTS
       CHEMICAL TESTS
       DESTRUCTIVE TESTS
       ELECTRONIC EQUIPMENT TESTS
       ENGINE TESTS
       HARDNESS TESTS
       HIGH TEMPERATURE TESTS
       INFRARED INSPECTION
       INSPECTION
       LOAD TESTS
       LOW TEMPERATURE TESTS
     % MATERIALS TESTS
       NONINTRUSIVE MEASUREMENT
       PHOTOACOUSTIC MICROSCOPY
       QUALITY CONTROL
       RADIOGRAPHY
       RELIABILITY
       SH WAVES
       STATIC TESTS
     % TESTS
       THERMOGRAPHY
       TOLERANCES (MECHANICS)
       ULTRASONIC FLAW DETECTION
       ULTRASONIC SPECTROSCOPY
       ULTRASONIC TESTS
       X RAY INSPECTION

NONELECTROLYTES
  0603 2302
  RT   ELECTROLYTES

NONEQUILIBRIUM CONDITIONS
  0404 0406 0601 0602 2401 3304
  GS   CONDITIONS
       #NONEQUILIBRIUM CONDITIONS
  RT % EQUILIBRIUM
       UNSTEADY STATE

NONEQUILIBRIUM DRAG
  USE  FRICTION DRAG

NONEQUILIBRIUM FLOW
  1202 1203
  GS   FLUID FLOW
       .GAS FLOW
       .#NONEQUILIBRIUM FLOW
  RT   EQUILIBRIUM FLOW
     % FLUIDS
       HEAT TRANSMISSION
       OSCILLATING FLOW
       QUASI-STEADY STATES
       UNSTEADY FLOW

NONEQUILIBRIUM IONIZATION
  0602 0603
  GS   IONIZATION
       #NONEQUILIBRIUM IONIZATION

NONEQUILIBRIUM PLASMAS
  2502
  GS   PARTICLES
       .CHARGED PARTICLES
       ..ENERGETIC PARTICLES
       ...PLASMAS (PHYSICS)
       ...#NONEQUILIBRIUM PLASMAS
  RT   MAGNETOHYDRODYNAMIC STABILITY
       NONUNIFORM PLASMAS
       PLASMA COMPOSITION
       PLASMA POTENTIALS
       PLASMA RADIATION
       PLASMA SHEATHS
       ROTATING PLASMAS

NONEQUILIBRIUM RADIATION
  2402 2405 2903
  GS   ELECTROMAGNETIC RADIATION
       #NONEQUILIBRIUM RADIATION
  RT   NONTHERMAL RADIATION
       SHOCK WAVE PROPAGATION

NONEQUILIBRIUM THERMODYNAMICS
  0404 3304
  GS   THERMODYNAMICS
       #NONEQUILIBRIUM THERMODYNAMICS
  RT   IRREVERSIBLE PROCESSES

NONEUCLIDIAN GEOMETRY
  USE  DIFFERENTIAL GEOMETRY

NONFERROUS METALS
  1701 1703 1704
  GS   METALS
       #NONFERROUS METALS
  RT   CHEMICAL ELEMENTS
       CONDUCTORS
     % METALLURGY

NONFLAMMABLE MATERIALS
  1804 1805 3301
  RT   ASBESTOS
       FIREPROOFING
     % INORGANIC MATERIALS
       KEVLAR (TRADEMARK)
     % MATERIALS
       OXIDES
       REFRACTORY MATERIALS

NONGRAY ATMOSPHERES
  1301 1302 3009
  RT % ATMOSPHERES
       BLACK BODY RADIATION
       EMISSIVITY
       GRAY GAS
       PLANETARY ATMOSPHERES

NONGRAY GAS
  1301 1302 3005 3303
  GS   GASES
       #NONGRAY GAS
  RT % ATMOSPHERES
       BLACK BODY RADIATION
       EMISSIVITY
       HEAT TRANSFER
       SPECTRAL EMISSION
       THERMAL RADIATION
       THERMODYNAMICS

NONHOLONOMIC EQUATIONS
  1902
  GS   ANALYSIS (MATHEMATICS)
       .COMPLEX VARIABLES
       .#NONHOLONOMIC EQUATIONS
  RT   ANALYTIC FUNCTIONS
     % EQUATIONS

NONHOMOGENEITY
  USE  INHOMOGENEITY

NONINTRUSIVE MEASUREMENT
  UF   NON-INTRUSIVE MEASUREMENT
  RT   FLOW MEASUREMENT
       LASER DOPPLER VELOCIMETERS
     % MEASUREMENT
       NONDESTRUCTIVE TESTS
       OPTICAL MEASUREMENT
       TEMPERATURE MEASUREMENT

NONISENTROPICITY
  0603 2003 2404
  GS   ISENTROPIC PROCESSES
       #NONISENTROPICITY
  RT   ENTROPY
     % PROCESSES

NONISOTHERMAL PROCESSES
  3303 3501
  RT   ENERGY TRANSFER
       HEAT TRANSFER
       NONADIABATIC CONDITIONS
       PRESSURE EFFECTS
     % PROCESSES
```

TEMPERATURE GRADIENTS
THERMODYNAMICS

NONISOTROPIC PLATES
USE ANISOTROPIC PLATES

NONISOTROPY
USE ANISOTROPY

NONLIFTING VEHICLES
USE BALLISTIC VEHICLES

NONLINEAR EQUATIONS
1902 3501
GS ALGEBRA
#NONLINEAR EQUATIONS
..CUBIC EQUATIONS
..DUFFING DIFFERENTIAL EQUATION
..MONGE-AMPERE EQUATION
..NONLINEAR EVOLUTION EQUATIONS
..QUADRATIC EQUATIONS
..QUARTIC EQUATIONS
ANALYSIS (MATHEMATICS)
.REAL VARIABLES
.#NONLINEAR EQUATIONS
...CUBIC EQUATIONS
...DUFFING DIFFERENTIAL EQUATION
...MONGE-AMPERE EQUATION
...NONLINEAR EVOLUTION EQUATIONS
...QUADRATIC EQUATIONS
...QUARTIC EQUATIONS
RT BORN-INFELD THEORY
DIFFERENTIAL EQUATIONS
% EQUATIONS
FIELD THEORY (ALGEBRA)
INTEGRAL EQUATIONS
POLYNOMIALS
ROOTS OF EQUATIONS

NONLINEAR EVOLUTION EQUATIONS
2201 3501
GS ALGEBRA
.NONLINEAR EQUATIONS
.#NONLINEAR EVOLUTION EQUATIONS
ANALYSIS (MATHEMATICS)
.REAL VARIABLES
..NONLINEAR EQUATIONS
..#NONLINEAR EVOLUTION EQUATIONS
RT DIFFERENCE EQUATIONS
% EQUATIONS

NONLINEAR FEEDBACK
1001 1003
GS FEEDBACK
#NONLINEAR FEEDBACK
RT FEEDBACK AMPLIFIERS
FEEDBACK CONTROL
NEGATIVE FEEDBACK
POSITIVE FEEDBACK
SENSORY FEEDBACK
TRANSFER FUNCTIONS

NONLINEAR FILTERS
0902 0905 1002 2402
RT ELECTRIC FILTERS
ELECTROMAGNETIC WAVE FILTERS
% FILTERS
LINEAR FILTERS

NONLINEAR OPTICS
1902 2310
RT BIREFRINGENCE
ELECTRO-OPTICAL EFFECT
ELECTROMAGNETIC RADIATION
FOUR-WAVE MIXING
GEOMETRICAL OPTICS
GRADIENT INDEX OPTICS
OPTICAL BISTABILITY
% OPTICS
QUANTUM OPTICS
RAMAN SPECTRA
SAGNAC EFFECT

NONLINEAR PROGRAMMING
0802 1902
GS OPTIMIZATION
.MATHEMATICAL PROGRAMMING
.#NONLINEAR PROGRAMMING
RESEARCH
#NONLINEAR PROGRAMMING
RT % APPLICATIONS OF MATHEMATICS
CONSTRAINTS
FORMALISM
LINEAR PROGRAMMING
OPERATIONS RESEARCH
% PROGRAMMING

NONLINEAR SYSTEMS
0804 1001 1003 1504 1902 2311
SN (DYNAMIC SYSTEMS HAVING NONLINEAR RESPONSES)
RT CHAOS
CONTROL EQUIPMENT
DISTRIBUTED PARAMETER SYSTEMS
DYNAMIC PROGRAMMING
DYNAMICAL SYSTEMS
LINEAR SYSTEMS
STRANGE ATTRACTORS
% SYSTEMS
TRACKING PROBLEM

NONLINEARITY
1902 3408
UF QUASILINEARITY
RT DIFFERENTIAL EQUATIONS
FUNCTIONS (MATHEMATICS)
LINEARITY
MAGNETIC AMPLIFIERS
VARIABILITY
VOLTERRA EQUATIONS

NONNEWTONIAN FLOW
1202
GS FLUID FLOW
#NONNEWTONIAN FLOW
RT LIQUID FLOW
STEADY FLOW
THIXOTROPY
UNSTEADY FLOW
VISCOELASTICITY
VISCOPLASTICITY

NONNEWTONIAN FLUIDS
0603 2311
RT COLLOIDS
% FLUIDS
GELATINS
GELS
NEWTON
NEWTON THEORY
NEWTONIAN FLUIDS
RHEOLOGY
VISCOELASTICITY
VISCOPLASTICITY
VISCOUS FLUIDS

NONOHMIC EFFECT
0902 1001 1002 1202 2304
RT BARRIER LAYERS
CONTACT RESISTANCE
% EFFECTS
SPACE CHARGE

NONOSCILLATORY ACTION
2311
GS OSCILLATIONS
#NONOSCILLATORY ACTION
RT OSCILLATION DAMPERS
OSCILLATORS
VIBRATION DAMPING

NONPARAMETRIC STATISTICS
1905
GS STATISTICAL ANALYSIS
#NONPARAMETRIC STATISTICS

```
  RT % STATISTICS

NONPOINT SOURCES
  2201
  RT    CONTAMINANTS
        CONTAMINATION
        DIFFUSION
        ENVIRONMENTS
        GASES
        LIQUIDS
        PARTICLES
      % POINTS
        POISONS
        POLLUTION
        PUBLIC HEALTH
        RADIOACTIVE WASTES
      % SOURCES
        TOXICOLOGY
        WASTES

NONPOLAR GASES
  0603
  GS    GASES
        #NONPOLAR GASES
  RT    MOLECULAR GASES
        RARE GASES

NONREFLECTION
  USE   ENERGY ABSORPTION

NONRELATIVISTIC ELECTRONS
  USE   ELECTRONS

NONRELATIVISTIC MECHANICS
  2308
  RT    NEWTON THEORY
        RELATIVITY

NONRESONANCE
  2301 2304 2402
  RT    MICROWAVE RESONANCE
        TRANSMISSION LINES
        TRAVELING WAVES

NONRIGIDITY
  USE   FLEXIBILITY

NONSTABILIZED OSCILLATION
  2311
  GS    OSCILLATIONS
        #NONSTABILIZED OSCILLATION
  RT    OSCILLATION DAMPERS
        OSCILLATORS
        PILOT INDUCED OSCILLATION
        STABLE OSCILLATIONS
        VIBRATION DAMPING

NONSYNCHRONIZATION
  2311 3407 3408
  RT    DEVIATION
        INCOHERENCE
      % INTERFERENCE
        NONUNIFORMITY

NONTHERMAL EMISSION
  USE   NONTHERMAL RADIATION

NONTHERMAL RADIATION
  2304 2306 2402 2403 2901 2902 2903
  UF    NONTHERMAL EMISSION
  GS    ELECTROMAGNETIC RADIATION
        #NONTHERMAL RADIATION
        ..CYCLOTRON RADIATION
        ...ION CYCLOTRON RADIATION
        ..SYNCHROTRON RADIATION
  RT    GALACTIC RADIATION
        MAGNETIC FIELDS
        NONEQUILIBRIUM RADIATION
      % RADIATION
        RADIO WAVES
        THERMAL RADIATION

NONUNIFORM FLOW
  1202
  GS    FLUID FLOW
        #NONUNIFORM FLOW
  RT    FLOW CHARACTERISTICS
        GAS FLOW
        TURBULENT FLOW
        UNIFORM FLOW
        UNSTEADY FLOW

NONUNIFORM MAGNETIC FIELDS
  1307 2402
  GS    MAGNETIC FIELDS
        #NONUNIFORM MAGNETIC FIELDS
  RT    DIFFRACTION RADIATION
        LINES OF FORCE
        MAGNETIC ANOMALIES
        MAGNETIC MIRRORS

NONUNIFORM PLASMAS
  2405 2502
  GS    PARTICLES
        .CHARGED PARTICLES
        ..ENERGETIC PARTICLES
        ...PLASMAS (PHYSICS)
        ...#NONUNIFORM PLASMAS
  RT    KELVIN-HELMHOLTZ INSTABILITY
        LOW DENSITY RESEARCH
        MAGNETOHYDRODYNAMIC STABILITY
        NONEQUILIBRIUM PLASMAS
        PLASMA COMPOSITION
        PLASMA OSCILLATIONS
        PLASMA WAVES
        RAREFIED PLASMAS

NONUNIFORMITY
  3408
  RT    FLEXIBILITY
        INHOMOGENEITY
        IRREGULARITIES
        NONSYNCHRONIZATION
        OSCILLATIONS
        TURBULENCE

NONVISCOUS FLOW
  USE   INVISCID FLOW

NOON
  1406 3001
  RT    DAYTIME
        ZENITH

NORADRENALINE
  0403 0405 0408 1808
  GS    DRUGS
        .STIMULANTS
        .#NORADRENALINE
  RT    NOREPINEPHRINE

NORD AIRCRAFT
  0201 0204 0207
  GS   #NORD AIRCRAFT
        .C-160 AIRCRAFT
        .MH-262 AIRCRAFT
        .NORD 1500 AIRCRAFT
  RT % AIRCRAFT

NORD 262 AIRCRAFT
  USE   MH-262 AIRCRAFT

NORD 1500 AIRCRAFT
  0201 0204
  UF    GRIFFON AIRCRAFT
  GS    JET AIRCRAFT
        #NORD 1500 AIRCRAFT
        MONOPLANES
        #NORD 1500 AIRCRAFT
        NORD AIRCRAFT
        #NORD 1500 AIRCRAFT
        RESEARCH AIRCRAFT
        #NORD 1500 AIRCRAFT
        SUPERSONIC AIRCRAFT
        #NORD 1500 AIRCRAFT
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```
  RT % AIRCRAFT

NOREPINEPHRINE
  0404 0408 1808
  GS   AMINES
       .CATECHOLAMINE
       ..EPINEPHRINE
       ..#NOREPINEPHRINE
       DRUGS
       .EPINEPHRINE
       .#NOREPINEPHRINE
       .STIMULANTS
       .#NOREPINEPHRINE
  RT   NORADRENALINE

NORLEUCINE
  0403 1808
  GS   ACIDS
       .AMINO ACIDS
       ..LEUCINE
       ..#NORLEUCINE
       ORGANIC COMPOUNDS
       .AMINO ACIDS
       ..LEUCINE
       ..#NORLEUCINE

NORMAL DENSITY FUNCTIONS
  1903 1905
  UF   GAUSSIAN DISTRIBUTIONS
       NORMAL DISTRIBUTIONS
  GS   FUNCTIONS (MATHEMATICS)
       .PROBABILITY DENSITY FUNCTIONS
       .#NORMAL DENSITY FUNCTIONS
       STATISTICAL ANALYSIS
       .PROBABILITY DENSITY FUNCTIONS
       .#NORMAL DENSITY FUNCTIONS
  RT   CONTINUITY (MATHEMATICS)
       DISCRETE FUNCTIONS
       HISTOGRAMS

NORMAL DISTRIBUTIONS
  USE  NORMAL DENSITY FUNCTIONS

NORMAL FORCE DISTRIBUTION
  USE  FORCE DISTRIBUTION

NORMAL SHOCK WAVES
  0101 1202 1203 2308
  GS   ELASTIC WAVES
       .SHOCK WAVES
       .#NORMAL SHOCK WAVES
  RT   LONGITUDINAL WAVES
       MAGNETOHYDRODYNAMIC WAVES
       OBLIQUE SHOCK WAVES
       PLANE WAVES
       SHOCK LAYERS

NORMALITY
  0502 0601 0802 0803 1505 1903
  RT   ASYMPTOTIC PROPERTIES
       AVERAGE
       MEAN
       MEDIAN (STATISTICS)
       NORMS
       STATISTICAL TESTS

% NORMALIZING
  1704 1905
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   NORMALIZING (HEAT TREATMENT)
       NORMALIZING (STATISTICS)
       REGULARITY

NORMALIZING (HEAT TREATMENT)
  1704
  GS   HEAT TREATMENT
       #NORMALIZING (HEAT TREATMENT)
  RT   ANNEALING
       HARDENING (MATERIALS)
       LASER ANNEALING
     % NORMALIZING
       TEMPERING

NORMALIZING (STATISTICS)
  1905
  RT   EVALUATION
     % NORMALIZING
       QUALITY CONTROL
       RATINGS
       RENORMALIZATION GROUP METHODS

NORMS
  0410 1902 3406
  GS   NAMING
       #NORMS
  RT   AVERAGE
       ETHICS
       MEDIAN (STATISTICS)
       NORMALITY
       PSYCHOMETRICS
       VALUE

NORTH AMERICA
  1305
  GS   CONTINENTS
       #NORTH AMERICA
  RT   APPALACHIAN MOUNTAINS (NORTH
       AMERICA)
       CANADA
       CENTRAL AMERICA
       LOWER CALIFORNIA (MEXICO)
       MEXICO
       TUNDRA
       UNITED STATES
       WILLISTON BASIN (NORTH AMERICA)

NORTH AMERICAN AIRCRAFT
  0201 0204 0207
  GS   #NORTH AMERICAN AIRCRAFT
       .A-2 AIRCRAFT
       .A-5 AIRCRAFT
       .B-1 AIRCRAFT
       .B-70 AIRCRAFT
       .F-86 AIRCRAFT
       .F-100 AIRCRAFT
       .OV-10 AIRCRAFT
       .P-51 AIRCRAFT
       .T-2 AIRCRAFT
       .T-28 AIRCRAFT
       .T-39 AIRCRAFT
       .X-15 AIRCRAFT
  RT % AIRCRAFT

NORTH AMERICAN SEARCH AND RANGING RADAR
  0702 0705 3401
  UF   NASARR
  GS   RADAR
       .SEARCH RADAR
       .#NORTH AMERICAN SEARCH AND
         RANGING RADAR
  RT   RANGE AND RANGE RATE TRACKING

NORTH ATLANTIC TREATY ORGANIZATION (NATO)
  3401
  GS   ORGANIZATIONS
       #NORTH ATLANTIC TREATY
        ORGANIZATION (NATO)
  RT   INTERNATIONAL COOPERATION

NORTH CAROLINA
  1305
  GS   NATIONS
       .UNITED STATES
       .#NORTH CAROLINA
  RT   CAPE HATTERAS (NC)
       GREAT SMOKY MOUNTAINS (NC-TN)
       OUTER BANKS (NC)
       SAND HILLS REGION (GA-NC-SC)

NORTH DAKOTA
  1305
  GS   NATIONS
       .UNITED STATES
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        .#NORTH DAKOTA
  RT    MISSOURI RIVER (US)
        WILLISTON BASIN (NORTH AMERICA)

NORTH KOREA
  1305
  UF    DEMOCRATIC PEOPLES REPUBLIC OF
        KOREA
  GS    NATIONS
        #NORTH KOREA
  RT    ASIA
     %  KOREA
        SOUTH KOREA

NORTH POLAR SPUR (ASTRONOMY)
  3001
  GS    EXTRATERRESTRIAL RADIATION
        .EXTRATERRESTRIAL RADIO WAVES
        ..GALACTIC RADIO WAVES
        ..#NORTH POLAR SPUR (ASTRONOMY)
        .GALACTIC RADIATION
        ..GALACTIC RADIO WAVES
        ..#NORTH POLAR SPUR (ASTRONOMY)
  RT    NEBULAE
        SUPERNOVA REMNANTS
        X RAY SPECTRA

NORTH SEA
  1305
  GS    SEAS
        #NORTH SEA
  RT    ENGLISH CHANNEL

NORTH VIETNAM
  USE   VIETNAM

NORTHERN HEMISPHERE
  1304 1308 2003
  GS   #NORTHERN HEMISPHERE
        .ARCTIC REGIONS
  RT %  HEMISPHERES
        NORTHERN SKY
        SOUTHERN HEMISPHERE

NORTHERN IRELAND
  1305
  GS    NATIONS
        .UNITED KINGDOM
        .#NORTHERN IRELAND
  RT    EUROPE

NORTHERN SKY
  1301 3001
  RT    ASTRONOMICAL CATALOGS
        ASTRONOMICAL COORDINATES
        ASTRONOMICAL OBSERVATORIES
        NORTHERN HEMISPHERE
        SKY SURVEYS (ASTRONOMY)
        SOUTHERN SKY

NORTHROP AIRCRAFT
  0204 3401
  GS   #NORTHROP AIRCRAFT
        .A-9 AIRCRAFT
        .F-5 AIRCRAFT
        .F-18 AIRCRAFT
        .F-20 AIRCRAFT
        .F-89 AIRCRAFT
        .T-38 AIRCRAFT
        .X-21 AIRCRAFT
        .X-21A AIRCRAFT
  RT %  AIRCRAFT

NORTHWEST TERRITORIES
  GS    NATIONS
        .CANADA
        .#NORTHWEST TERRITORIES

NORTON COUNTY ACHONDRITE
  1806 3005
  GS    CELESTIAL BODIES
        .METEORITES
        ..STONY METEORITES
        ...ACHONDRITES
        ...#NORTON COUNTY ACHONDRITE

NORWAY
  1305
  GS    NATIONS
        #NORWAY
  RT    EUROPE
        FIORDS
        NORWEGIAN SPACE PROGRAM
        SCANDINAVIA

NORWEGIAN SPACE PROGRAM
  3409
  GS    PROGRAMS
        .SPACE PROGRAMS
        ..EUROPEAN SPACE PROGRAMS
        ..#NORWEGIAN SPACE PROGRAM
  RT    NORWAY

% NOSE
  0101 0404 3305
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    NOSE (ANATOMY)
        NOSES (FOREBODIES)

NOSE (ANATOMY)
  0404
  GS    ANATOMY
        .FACE (ANATOMY)
        .#NOSE (ANATOMY)
        .RESPIRATORY SYSTEM
        .#NOSE (ANATOMY)
  RT    HEAD (ANATOMY)
     %  NOSE
        PARANASAL SINUSES
        SINUSES

NOSE CAPS
  USE   NOSE CONES

NOSE CONES
  0102 3303 3501
  UF    NOSE CAPS
  GS    CONES
        #NOSE CONES
        ..ABLATIVE NOSE CONES
        ..ROCKET NOSE CONES
        FOREBODIES
        .NOSES (FOREBODIES)
        .#NOSE CONES
        ...ABLATIVE NOSE CONES
        ...ROCKET NOSE CONES
  RT    ABLATIVE MATERIALS
        BLUNT BODIES
     %  CAPS
        CIRCULAR CONES
        HALF CONES
        MISSILE COMPONENTS
        OGIVES
        REENTRY SHIELDING
        REENTRY VEHICLES
        SPACECRAFT COMPONENTS
        SPACECRAFT SHIELDING
        SPHERICAL CAPS
        WARHEADS

NOSE FINS
  0102 2806 2808
  GS    FINS
        #NOSE FINS
  RT    CONTROL SURFACES
        FINNED BODIES
        NOSES (FOREBODIES)
        VANES

NOSE INLETS
  0102 2806
  GS    INTAKE SYSTEMS
        #NOSE INLETS
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  RT   AIR INTAKES
       ANNULAR DUCTS
       BYPASS RATIO
       DUCTED BODIES
       DUCTS
       HYPERSONIC INLETS
       INLET AIRFRAME CONFIGURATIONS
       NACELLES
       NOSES (FOREBODIES)
       SCOOPS
       SIDE INLETS
       SUPERSONIC INLETS
     % WATER INTAKES

NOSE TIPS
  0104
  GS   TIPS
       #NOSE TIPS
  RT   AERODYNAMIC CONFIGURATIONS
       AIRFOIL PROFILES
       NOSES (FOREBODIES)

NOSE WHEELS
  0202
  GS   WHEELS
       .VEHICLE WHEELS
       .#NOSE WHEELS
  RT   BRAKES (FOR ARRESTING MOTION)
       LANDING GEAR

NOSES (FOREBODIES)
  0101 3305
  GS   FOREBODIES
       #NOSES (FOREBODIES)
       ..NOSE CONES
       ...ABLATIVE NOSE CONES
       ...ROCKET NOSE CONES
  RT   AIRCRAFT STRUCTURES
     % NOSE
       NOSE FINS
       NOSE INLETS
       NOSE TIPS

NOSTOC
  0404 0409
  GS   PLANTS (BOTANY)
       .ALGAE
       ..BLUE GREEN ALGAE
       ..#NOSTOC
       .THERMOPHILIC PLANTS
       ..BLUE GREEN ALGAE
       ..#NOSTOC

NOTATION
  USE  CODING

NOTCH SENSITIVITY
  1001 3203 3204
  GS   MECHANICAL PROPERTIES
       .TOUGHNESS
       .#NOTCH SENSITIVITY
       SENSITIVITY
       #NOTCH SENSITIVITY
  RT   CHARPY IMPACT TEST
       FATIGUE (MATERIALS)
       IMPACT STRENGTH
       IMPACT TESTS

NOTCH STRENGTH
  1704 3203
  GS   MECHANICAL PROPERTIES
       #NOTCH STRENGTH
  RT   BRITTLENESS
       DUCTILITY
       FATIGUE TESTS
       IMPACT TESTS
     % STRENGTH
       STRESS CONCENTRATION
       STRESS INTENSITY FACTORS

NOTCH TESTS
  3203 3204
  UF   NOTCHED METALS
  GS  #NOTCH TESTS
       .CHARPY IMPACT TEST
  RT   BRITTLENESS
       CRACK OPENING DISPLACEMENT
       DROP TESTS
       FATIGUE TESTS
       HARDNESS
       IMPACT TESTS
       STRESS CONCENTRATION
     % TESTS

NOTCHED METALS
  USE  NOTCH TESTS

NOTCHES
  1502 1503 1504
  RT   CRACK OPENING DISPLACEMENT
       PASSAGEWAYS
       V GROOVES

NOVA COMPUTERS
  3502
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...MINICOMPUTERS
       ...#NOVA COMPUTERS

NOVA LASER SYSTEM
  1601
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       ..HIGH POWER LASERS
       ..#NOVA LASER SYSTEM
  RT   LASER FUSION
       LASER OUTPUTS
       SHIVA LASER SYSTEM
     % SYSTEMS

NOVA LAUNCH VEHICLES
  3103 3409
  GS   LAUNCH VEHICLES
       #NOVA LAUNCH VEHICLES
       ROCKET VEHICLES
       .MULTISTAGE ROCKET VEHICLES
       .#NOVA LAUNCH VEHICLES
  RT   F-1 ROCKET ENGINE
       J-2 ENGINE
       LIQUID PROPELLANT ROCKET ENGINES
       M-1 ENGINE
     % VEHICLES

NOVA SATELLITES
  1901
  GS   ARTIFICIAL SATELLITES
       .NAVIGATION SATELLITES
       .#NOVA SATELLITES
  RT   DISCOS (SATELLITE ATTITUDE CONTROL)
       TRANSIT NAVIGATION SYSTEM

NOVA SCOTIA
  1305
  GS   NATIONS
       .CANADA
       .#NOVA SCOTIA

NOVAE
  2402 2903 3001
  GS   CELESTIAL BODIES
       .STARS
       ..VARIABLE STARS
       ..#NOVAE
       ....DWARF NOVAE
       ....HERCULES NOVA
  RT   CATACLYSMIC VARIABLES
       SHOCK WAVES
       STELLAR MASS
       STELLAR MASS EJECTION
       SUPERNOVAE
       SYMBIOTIC STARS

NOVOCAIN
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  0403 0405 0408 1808
  GS   DRUGS
       .ANESTHETICS
       .#NOVOCAIN

NOWCASTING
  3402
  GS   FORECASTING
       .WEATHER FORECASTING
       .#NOWCASTING
       METEOROLOGY
       .WEATHER FORECASTING
       .#NOWCASTING
  RT   AVIATION METEOROLOGY

NOXIOUS MATERIALS
  USE  CONTAMINANTS

NOZZLE COEFFICIENT
  USE  NOZZLE FLOW

NOZZLE DESIGN
  0101 1202 2806 3404
  RT % DESIGN
       ENGINE DESIGN
     % NOZZLES

NOZZLE EFFICIENCY
  0101 1202 1203 2311
  GS   EFFICIENCY
       #NOZZLE EFFICIENCY
  RT % NOZZLES
       POWER EFFICIENCY
       PROPULSIVE EFFICIENCY
       THERMODYNAMIC EFFICIENCY

NOZZLE FLOW
  0101 1201 1202 1203
  UF   NOZZLE COEFFICIENT
  GS   FLUID FLOW
       #NOZZLE FLOW
  RT   AEROTHERMOCHEMISTRY
       ANNULAR FLOW
       CHOKED FLOW
       CORNER FLOW
       DISCHARGE COEFFICIENT
       EXHAUST GASES
       EXHAUST NOZZLES
       FISSIONABLE MATERIALS
       FLOW GEOMETRY
       FLUID INJECTION
       INJECTORS
       JET FLOW
       OUTLET FLOW
       PNEUMATIC PROBES
       SUPERSONIC JET FLOW
       TRANSONIC FLOW

NOZZLE GEOMETRY
  0101 1201 1202 1203 1902 2808
  GS   GEOMETRY
       #NOZZLE GEOMETRY
  RT   COAXIAL NOZZLES
       CONICAL NOZZLES
       CONVERGENT NOZZLES
       CONVERGENT-DIVERGENT NOZZLES
       DISCHARGE COEFFICIENT
       DIVERGENT NOZZLES
       MASS FLOW FACTORS
     % NOZZLES
       PIPE NOZZLES
       PLUG NOZZLES
       SHROUDED NOZZLES
       SPIKE NOZZLES
       THROATS

NOZZLE INSERTS
  0101 2806 2808
  GS   INSERTS
       #NOZZLE INSERTS
  RT   ABLATIVE MATERIALS
       CHOKES
       CONICAL NOZZLES
       CONVERGENT-DIVERGENT NOZZLES
       EXHAUST NOZZLES
     % NOZZLES
       ROCKET NOZZLES
       THROATS

NOZZLE THRUST COEFFICIENTS
  1902 2311 2809
  GS   COEFFICIENTS
       #NOZZLE THRUST COEFFICIENTS
  RT   DISCHARGE COEFFICIENT
       FLOW COEFFICIENTS
       INFLUENCE COEFFICIENT
       THRUST
       THRUST VECTOR CONTROL

NOZZLE WALLS
  0101 1201 2806 2808 3501
  GS   WALLS
       #NOZZLE WALLS
  RT   CONICAL NOZZLES
       CONVERGENT NOZZLES
       DIVERGENT NOZZLES
       JET AMPLIFIERS
     % NOZZLES
       REFRACTORY MATERIALS
       SHROUDED NOZZLES
       THROATS

NOZZLELESS ROCKET ENGINES
  2806 2808
  GS   ENGINES
       .ROCKET ENGINES
       .#NOZZLELESS ROCKET ENGINES
  RT   ROCKET NOZZLES

% NOZZLES
  0101 1110 1201 1202 1501 1504 2806
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ACOUSTIC NOZZLES
       ANNULAR NOZZLES
       ATOMIZERS
       BLOWERS
       CHOKES
       CHOKES (RESTRICTIONS)
       COAXIAL NOZZLES
       CONICAL NOZZLES
       CONVERGENT NOZZLES
       CONVERGENT-DIVERGENT NOZZLES
     % DIFFUSERS
       DIVERGENT NOZZLES
       DUAL THRUST NOZZLES
       EXHAUST NOZZLES
       FLOW MEASUREMENT
       FUNNELS
       HYPERSONIC NOZZLES
       INJECTORS
       INLET NOZZLES
       NOZZLE DESIGN
       NOZZLE EFFICIENCY
       NOZZLE GEOMETRY
       NOZZLE INSERTS
       NOZZLE WALLS
       ORIFICES
       OUTLETS
       PIPE NOZZLES
       PLUG NOZZLES
       ROCKET NOZZLES
       SHROUDED NOZZLES
       SONIC NOZZLES
       SPIKE NOZZLES
       SPRAY NOZZLES
       SPRAYERS
       SUPERSONIC NOZZLES
       TRANSONIC NOZZLES
       TURBINES
       VENTS
       WIND TUNNEL NOZZLES

NRX REACTORS
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  0207 2202 2801
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..WATER COOLED REACTORS
       ..#NRX REACTORS
       .NUCLEAR RESEARCH AND TEST REACTORS
       .#NRX REACTORS
  RT   KIWI REACTORS
       NUCLEAR ENGINE FOR ROCKET VEHICLES

NTS
  USE  NAVIGATION TECHNOLOGY SATELLITES

NU FACTOR
  2202 2403 2405
  RT   POISSON RATIO

NUCLEAR ASTROPHYSICS
  2405 3002
  GS   ASTROPHYSICS
       #NUCLEAR ASTROPHYSICS
       NUCLEAR PHYSICS
       #NUCLEAR ASTROPHYSICS
  RT   COSMOLOGY
       NUCLEAR PARTICLES
       STELLAR PHYSICS

NUCLEAR AUXILIARY POWER UNITS
  0303 2201 2202
  GS   AUXILIARY POWER SOURCES
       #NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ....SNAP 2
       ....SNAP 4
       ....SNAP 8
       ....SNAP 10A
       ...SNAP 1
       ...SNAP 3
       ...SNAP 7
       ...SNAP 9A
       ...SNAP 11
       ...SNAP 13
       ...SNAP 15
       ...SNAP 17
       ...SNAP 19
       ...SNAP 21
       ...SNAP 23
       ...SNAP 27
       ...SNAP 29
       ...SNAP 50
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ....SNAP 2
       ....SNAP 4
       ....SNAP 8
       ....SNAP 10A
       ...SNAP 50
       ...SPACE POWER UNIT REACTORS
       NUCLEAR ELECTRIC POWER GENERATION
       #NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ....SNAP 2
       ....SNAP 4
       ....SNAP 8
       ....SNAP 10A
       ...SNAP 1
       ...SNAP 3
       ...SNAP 7
       ...SNAP 9A
       ...SNAP 11
       ...SNAP 13
       ...SNAP 15
       ...SNAP 17
       ...SNAP 19
       ...SNAP 21
       ...SNAP 23
       ...SNAP 27
       ...SNAP 29
       ...SNAP 50
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ....SNAP 2
       ....SNAP 4
       ....SNAP 8
       ....SNAP 10A
       ...SNAP 50
       ...SPACE POWER UNIT REACTORS
  RT % POWER SUPPLIES
       RADIOISOTOPE BATTERIES
       SPACECRAFT POWER SUPPLIES
       THERMOELECTRIC GENERATORS
       THERMOELECTRIC POWER GENERATION

NUCLEAR BINDING ENERGY
  2401 2403 2404 2405
  RT   ACTIVATION ENERGY
     % ENERGY
       IONIZATION POTENTIALS

NUCLEAR BULGE (GALAXIES)
  USE  GALACTIC BULGE

NUCLEAR CAPTURE
  0710 2401 2402 2403 2405
  GS   NUCLEAR REACTIONS
       .NUCLEAR INTERACTIONS
       .#NUCLEAR CAPTURE
       ...ELECTRON CAPTURE
       PARTICLE INTERACTIONS
       .ELEMENTARY PARTICLE INTERACTIONS
       .#NUCLEAR CAPTURE
       ...ELECTRON CAPTURE
       .NUCLEAR INTERACTIONS
       .#NUCLEAR CAPTURE
       ...ELECTRON CAPTURE
  RT   ACTIVATION ENERGY
       CAPTURE EFFECT
       ELECTRON TRANSITIONS
       ENERGY LEVELS
     % INTERACTIONS
       IRRADIATION
       SPIN
       TRANSITION PROBABILITIES

NUCLEAR CHEMISTRY
  0603 2405
  RT   ATOMIC STRUCTURE
     % CHEMISTRY
       ISOMERS
     % NUCLEAR ENERGY
       PHYSICAL CHEMISTRY
       PLASMA CHEMISTRY
       QUANTUM CHEMISTRY
       RADIOCHEMISTRY

NUCLEAR DEFORMATION
  2405
  GS   DEFORMATION
       #NUCLEAR DEFORMATION

NUCLEAR DEVICES
  2202
  GS   EXPLOSIVE DEVICES
       #NUCLEAR DEVICES
  RT % DEVICES
       FISSION WEAPONS
       THERMONUCLEAR EXPLOSIONS
       WARHEADS

NUCLEAR ELECTRIC POWER GENERATION
  2201 2204 2301 2405
  UF   NUCLEAR POWER GENERATION
  GS  #NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ....SNAP 2
       ....SNAP 4
       ....SNAP 8
       ....SNAP 10A
       ...SNAP 1
       ...SNAP 3
       ...SNAP 7
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      ...SNAP 9A
      ...SNAP 11
      ...SNAP 13
      ...SNAP 15
      ...SNAP 17
      ...SNAP 19
      ...SNAP 21
      ...SNAP 23
      ...SNAP 27
      ...SNAP 29
      ...SNAP 50
      ..SPACE POWER REACTORS
      ...FISSION ELECTRIC CELLS
      ....SNAP 2
      ....SNAP 4
      ....SNAP 8
      ....SNAP 10A
      ...SNAP 50
      ...SPACE POWER UNIT REACTORS
      .NUCLEAR POWER PLANTS
      ..ENRICO FERMI ATOMIC POWER PLANT
      ..HALLAM NUCLEAR POWER FACILITY
      ..ML-1 NUCLEAR POWER PLANT
      .NUCLEAR POWER REACTORS
      ..KIWI REACTORS
      ...KIWI B REACTORS
      ....KIWI B-1 REACTOR
      ....KIWI B-4 REACTOR
      ..PATHFINDER NUCLEAR REACTOR
      ..PLUTONIUM RECYCLE TEST REACTOR
      ..SPACE POWER REACTORS
      ...FISSION ELECTRIC CELLS
      ....SNAP 2
      ....SNAP 4
      ....SNAP 8
      ....SNAP 10A
      ...SPACE POWER UNIT REACTORS
      ..TORY 2 REACTOR
      ..TORY 2-A REACTOR
      ..TORY 2-C REACTOR
      .THERMONUCLEAR POWER GENERATION
  RT  ELECTRIC GENERATORS
    % NUCLEAR ENERGY

NUCLEAR ELECTRIC PROPULSION
  2201 2702 2803
  GS  PROPULSION
      .NUCLEAR PROPULSION
      .#NUCLEAR ELECTRIC PROPULSION
  RT  ELECTRIC PROPULSION
      ELECTROTHERMAL ENGINES
      ION PROPULSION
      MARINE PROPULSION
      PLASMA PROPULSION
      SPACECRAFT PROPULSION

NUCLEAR EMULSIONS
  0605 1407
  GS  MIXTURES
      .DISPERSIONS
      ..EMULSIONS
      ...PHOTOGRAPHIC EMULSIONS
      ...#NUCLEAR EMULSIONS
      .SOLUTIONS
      ..PHOTOGRAPHIC EMULSIONS
      ..#NUCLEAR EMULSIONS
  RT  DOSIMETERS
      RADIATION COUNTERS
      RADIATION MEASURING INSTRUMENTS

% NUCLEAR ENERGY
  0303 2205 2405
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  UF  ATOMIC ENERGY
  RT  ANNULAR CORE PULSE REACTORS
      ATOMIC THEORY
      CHEMICAL ENERGY
      ENERGY POLICY
      ENERGY STORAGE
      MOLECULAR ENERGY LEVELS
      NUCLEAR CHEMISTRY
      NUCLEAR ELECTRIC POWER GENERATION
      NUCLEAR FISSION
      NUCLEAR FUELS
      NUCLEAR FUSION
      NUCLEAR HEAT
      NUCLEAR PHYSICS
      NUCLEAR PROPULSION
      NUCLEAR REACTORS
      NUCLEAR RESEARCH
      NUCLEAR WARFARE
      NUCLEAR WEAPONS
      NUCLEONICS
      SPENT FUELS

NUCLEAR ENGINE FOR ROCKET VEHICLES
  2202 2204 2405 2808
  UF  NERVA (ENGINE)
  GS  ENGINES
      .ROCKET ENGINES
      .#NUCLEAR ENGINE FOR ROCKET
        VEHICLES
  RT  BOOSTER ROCKET ENGINES
      KIWI REACTORS
      NRX REACTORS
      PHOEBUS NUCLEAR REACTOR
      ROVER PROJECT
      SUSTAINER ROCKET ENGINES
    % VEHICLES
      WATER COOLED REACTORS

NUCLEAR EXPLOSION EFFECT
  2405
  RT % EFFECTS
       FALLOUT
       RADIATION EFFECTS
       RADIATION HAZARDS

NUCLEAR EXPLOSIONS
  2205 2405 3302 3401
  UF  ATOMIC EXPLOSIONS
  GS  EXPLOSIONS
      #NUCLEAR EXPLOSIONS
      ..THERMONUCLEAR EXPLOSIONS
  RT  AERIAL EXPLOSIONS
      ARTIFICIAL RADIATION BELTS
      CIVIL DEFENSE
      CRATERING
      FALLOUT
    % FIREBALLS
      FISHBOWL OPERATION
      HIGH ENERGY INTERACTIONS
      RADIATION HAZARDS
      UNDERGROUND EXPLOSIONS
      UNDERWATER EXPLOSIONS
      VELA SATELLITES

NUCLEAR FISSION
  2405
  GS  NUCLEAR REACTIONS
      #NUCLEAR FISSION
  RT  CRITICAL EXPERIMENTS
      CRITICAL MASS
      DECAY
      FISSION PRODUCTS
      FUSION REACTORS
      FUSION-FISSION HYBRID REACTORS
      HIGH ENERGY INTERACTIONS
      NEUTRON FLUX DENSITY
    % NUCLEAR ENERGY
      RADIOACTIVE DECAY
      RADIOACTIVE MATERIALS
      SUBCRITICAL MASS

NUCLEAR FUEL BURNUP
  2202 2203 2204
  GS  COMBUSTION
      .FUEL COMBUSTION
      .#NUCLEAR FUEL BURNUP
  RT  CRITICAL MASS
      REACTOR PHYSICS
      REACTOR TECHNOLOGY
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NUCLEAR FUEL ELEMENTS
  2202 2203
  UF   FUEL ELEMENTS (NUCLEAR REACTORS)
  RT   ANNULAR CORE PULSE REACTORS
     % ELEMENTS
       FUELS
       PLUTONIUM ALLOYS
       REACTOR CORES
       REACTOR MATERIALS
       URANIUM ALLOYS
       URANIUM CARBIDES

NUCLEAR FUEL REPROCESSING
  2202
  GS   RECLAMATION
       .MATERIALS RECOVERY
       .#NUCLEAR FUEL REPROCESSING
  RT   NUCLEAR FUELS
     % PROCESSING
     % RECOVERY
       RECYCLING
       SPENT FUELS

NUCLEAR FUELS
  2202 2203 2405
  UF   REACTOR FUELS
  GS   FUELS
       #NUCLEAR FUELS
       ..CERAMIC NUCLEAR FUELS
       ..FISSIUM
       ..SPENT FUELS
  RT   ANNULAR CORE PULSE REACTORS
       DEUTERIUM
       ENERGY POLICY
       FISSILE FUELS
       FISSION
       FISSIONABLE MATERIALS
       FUEL CAPSULES
       FUEL PRODUCTION
       INERTIAL FUSION (REACTOR)
       MIXED OXIDES
       NEUTRON SOURCES
     % NUCLEAR ENERGY
       NUCLEAR FUEL REPROCESSING
       PELLETS
       PLUTONIUM
       PLUTONIUM ALLOYS
       PLUTONIUM COMPOUNDS
       REACTOR CORES
       REACTOR MATERIALS
       REACTOR STARTUP TESTS
       SOL-GEL PROCESSES
       THORIUM
       THORIUM ALLOYS
       THORIUM COMPOUNDS
       TRITIUM
       URANIUM
       URANIUM ALLOYS
       URANIUM CARBIDES
       URANIUM COMPOUNDS
       URANIUM OXIDES
       URANIUM 233
       URANIUM 235
       URANIUM 238

NUCLEAR FUSION
  2204 2405 3001
  UF   NUCLEOSYNTHESIS
  GS   NUCLEAR REACTIONS
       .THERMONUCLEAR REACTIONS
       .#NUCLEAR FUSION
       ...CONTROLLED FUSION
  RT   COLLISIONAL PLASMAS
       DEGENERATE MATTER
       DENSE PLASMAS
       DEUTERON IRRADIATION
     % FUSION
       FUSION REACTORS
       FUSION WEAPONS
       FUSION-FISSION HYBRID REACTORS
       HIGH ENERGY INTERACTIONS
       IRRADIATION
       MAGNETIC MIRRORS
       MIRROR FUSION
     % NUCLEAR ENERGY
       PLASMA FOCUS
       RAILGUN ACCELERATORS
       STAR FORMATION
       STELLAR INTERIORS
       STELLAR PHYSICS
     % SYNTHESIS
       TOKAMAK DEVICES

NUCLEAR GYROSCOPES
  1403 2405
  GS   GYROSCOPES
       #NUCLEAR GYROSCOPES

NUCLEAR HEAT
  2202 2405
  GS   HEAT
       #NUCLEAR HEAT
  RT % NUCLEAR ENERGY

NUCLEAR INTERACTIONS
  2405
  GS   NUCLEAR REACTIONS
       #NUCLEAR INTERACTIONS
       ..NUCLEAR CAPTURE
       ...ELECTRON CAPTURE
       ..SPIN-ORBIT INTERACTIONS
       ...ELECTRON CAPTURE
       ..WEAK INTERACTIONS (FIELD THEORY)
       PARTICLE INTERACTIONS
       #NUCLEAR INTERACTIONS
       ..NUCLEAR CAPTURE
       ...ELECTRON CAPTURE
       ..SPIN-ORBIT INTERACTIONS
       ...ELECTRON CAPTURE
       ..WEAK INTERACTIONS (FIELD THEORY)
  RT   COLLISION PARAMETERS
       ELEMENTARY PARTICLES
       HIGH ENERGY INTERACTIONS
     % INTERACTIONS
       STRONG INTERACTIONS (FIELD THEORY)

NUCLEAR ISOBARS
  2405
  RT   CHEMICAL ELEMENTS
     % ISOBARS
       ISOTOPES
       NUCLEI (NUCLEAR PHYSICS)
       NUCLIDES

NUCLEAR LIGHTBULB ENGINES
  2204 2405 3106
  GS   ENGINES
       .ROCKET ENGINES
       ..NUCLEAR ROCKET ENGINES
       ..#NUCLEAR LIGHTBULB ENGINES
  RT   GASEOUS FISSION REACTORS

NUCLEAR MAGNETIC RESONANCE
  2307 2401 2402 2405
  UF   KNIGHT SHIFT
       NMR
  GS   RESONANCE
       .MAGNETIC RESONANCE
       .#NUCLEAR MAGNETIC RESONANCE
       ...PROTON MAGNETIC RESONANCE
       ...PROTON RESONANCE
  RT   MAGNETIC SIGNALS
       MAGNETOMETERS
       MOLECULAR STRUCTURE
       PARAMAGNETIC RESONANCE
       PARTICLE SPIN
       PLANCKS CONSTANT
       SPIN RESONANCE
       SPIN-LATTICE RELAXATION

NUCLEAR MEDICINE
  0401 0405 0411
  UF   RADIATION MEDICINE
  GS   MEDICAL SCIENCE
       #NUCLEAR MEDICINE
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..RADIOBIOLOGY
RT ANTIRADIATION DRUGS
HEALTH PHYSICS
% RADIATION
RADIOPATHOLOGY

NUCLEAR METEOROLOGY
2003 2405
GS METEOROLOGY
#NUCLEAR METEOROLOGY
RT FALLOUT

NUCLEAR MODELS
0603 2401 2404 2405
GS MODELS
#NUCLEAR MODELS
RT ATOMIC STRUCTURE
ENERGY LEVELS
MOLECULAR STRUCTURE
QUARK PARTON MODEL

NUCLEAR PARTICLES
2403 2405 2903
GS PARTICLES
#NUCLEAR PARTICLES
..ANTIPARTICLES
...ANTINEUTRINOS
...ANTINUCLEONS
...ANTIPROTONS
...POSITRONS
..BETA PARTICLES
..BOSONS
...ALPHA PARTICLES
...MESONS
....ETA-MESONS
....KAONS
....MESON RESONANCE
.....X MESONS
....MUONS
....PIONS
....VECTOR MESONS
.....RHO-MESONS
.....SIGMA-MESONS
...PHOTONS
...XI HYPERONS
..NUCLEONS
..PHOTOELECTRONS
RT CORPUSCULAR RADIATION
COSMIC RAYS
ELEMENTARY PARTICLES
FISSION PRODUCTS
GAMMA RAY BURSTS
NEUTRON CROSS SECTIONS
NEUTRON DISTRIBUTION
NEUTRON SCATTERING
NUCLEAR ASTROPHYSICS
NUCLEON POTENTIAL
NUCLEON-NUCLEON SCATTERING
PARTICLE ACCELERATORS
PARTICLE TRACKS
PHOTONEUTRONS
PI-ELECTRONS
POSITRON ANNIHILATION
PROTON RESONANCE
PROTONS

NUCLEAR PHYSICS
2405
GS #NUCLEAR PHYSICS
.NUCLEAR ASTROPHYSICS
.REACTOR PHYSICS
RT ATOMIC STRUCTURE
CURRENT ALGEBRA
ELECTROMAGNETIC ABSORPTION
FIELD THEORY (PHYSICS)
HEALTH PHYSICS
% NUCLEAR ENERGY
NUCLEONICS
PARITY
PARTICLE SPIN
% PHYSICS
QUANTUM THEORY
% SCIENCE
THEORETICAL PHYSICS

NUCLEAR POTENTIAL
2403 2405
GS POTENTIAL ENERGY
#NUCLEAR POTENTIAL
RT NUCLEON POTENTIAL

NUCLEAR POWER GENERATION
USE NUCLEAR ELECTRIC POWER GENERATION

NUCLEAR POWER PLANTS
2203 2204
GS ELECTRIC POWER PLANTS
#NUCLEAR POWER PLANTS
..ENRICO FERMI ATOMIC POWER PLANT
..HALLAM NUCLEAR POWER FACILITY
..ML-1 NUCLEAR POWER PLANT
NUCLEAR ELECTRIC POWER GENERATION
#NUCLEAR POWER PLANTS
..ENRICO FERMI ATOMIC POWER PLANT
..HALLAM NUCLEAR POWER FACILITY
..ML-1 NUCLEAR POWER PLANT
RT PLASMA CORE REACTORS

NUCLEAR POWER REACTORS
2203 2204 2405 3404
GS NUCLEAR ELECTRIC POWER GENERATION
#NUCLEAR POWER REACTORS
..KIWI REACTORS
...KIWI B REACTORS
....KIWI B-1 REACTOR
....KIWI B-4 REACTOR
..PATHFINDER NUCLEAR REACTOR
..PLUTONIUM RECYCLE TEST REACTOR
..SPACE POWER REACTORS
...FISSION ELECTRIC CELLS
....SNAP 2
....SNAP 4
....SNAP 8
....SNAP 10A
...SPACE POWER UNIT REACTORS
..TORY 2 REACTOR
..TORY 2-A REACTOR
..TORY 2-C REACTOR
NUCLEAR REACTORS
#NUCLEAR POWER REACTORS
..KIWI REACTORS
...KIWI B REACTORS
....KIWI B-1 REACTOR
....KIWI B-4 REACTOR
..PATHFINDER NUCLEAR REACTOR
..PLUTONIUM RECYCLE TEST REACTOR
..SPACE POWER REACTORS
...FISSION ELECTRIC CELLS
....SNAP 2
....SNAP 4
....SNAP 8
....SNAP 10A
...SPACE POWER UNIT REACTORS
..TORY 2 REACTOR
..TORY 2-A REACTOR
..TORY 2-C REACTOR
RT BOILING WATER REACTORS
BREEDER REACTORS
FAST NUCLEAR REACTORS
FAST OXIDE REACTORS
HIGH TEMPERATURE GAS COOLED
REACTORS
LIQUID METAL FAST BREEDER REACTORS
POWER REACTORS
PRESSURIZED WATER REACTORS
SNAP
SODIUM GRAPHITE REACTORS

NUCLEAR POWERED SHIPS
3401
GS SURFACE VEHICLES
#NUCLEAR POWERED SHIPS
..SAVANNAH NUCLEAR SHIP
WATER VEHICLES
.SHIPS

.#NUCLEAR POWERED SHIPS
...SAVANNAH NUCLEAR SHIP
RT AIRCRAFT CARRIERS
CARGO SHIPS
NAVY
SUBMARINES

NUCLEAR PROPELLED AIRCRAFT
0207 2202 2801
RT % AIRCRAFT
% MILITARY AIRCRAFT
RESEARCH AIRCRAFT

NUCLEAR PROPULSION
2202 2204 2405
UF CHEMONUCLEAR PROPULSION
THERMONUCLEAR PROPULSION
GS PROPULSION
#NUCLEAR PROPULSION
..NUCLEAR ELECTRIC PROPULSION
RT AIRCRAFT ENGINES
GASEOUS FISSION REACTORS
HIGH TEMPERATURE NUCLEAR REACTORS
HIGH TEMPERATURE PROPELLANTS
MARINE PROPULSION
MATTER-ANTIMATTER PROPULSION
MERCURY ION ENGINES
NEW MOONS PROJECT
% NUCLEAR ENERGY
ROVER PROJECT
SAVANNAH NUCLEAR SHIP
SPACECRAFT PROPULSION
TRIDENT SUBMARINE
UNDERWATER PROPULSION

NUCLEAR PUMPED LASERS
1601
GS STIMULATED EMISSION DEVICES
.LASERS
.#NUCLEAR PUMPED LASERS
RT OPTICAL PUMPING
OPTICAL RESONANCE

NUCLEAR PUMPING
1601 2202
RT ELECTRON PUMPING
ENERGY TRANSFER
FISSION PRODUCTS
GAS LASERS
LASERS
OPTICAL PUMPING
POPULATION INVERSION
% PUMPING
STIMULATED EMISSION
STIMULATED EMISSION DEVICES

NUCLEAR QUADRUPOLE RESONANCE
2307 2401 2402 2405
GS RESONANCE
#NUCLEAR QUADRUPOLE RESONANCE
RT ENERGY LEVELS
QUADRUPOLES

NUCLEAR RADIATION
2402 2403 2405
GS #NUCLEAR RADIATION
.BETA PARTICLES
.FAST NEUTRONS
.GAMMA RAY BEAMS
.GAMMA RAYS
..GAMMA RAY BURSTS
.NEUTRON BEAMS
.PHOTONEUTRONS
.POST-BLAST NUCLEAR RADIATION
.SPALLATION
.THERMAL NEUTRONS
RT ALPHA PARTICLES
BREMSSTRAHLUNG
CERENKOV RADIATION
CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
ELECTRON PUMPING
ELECTRON RADIATION
ELECTRONS
ELEMENTARY PARTICLES
EMISSION SPECTRA
FISSION PRODUCTS
GAMMA RAY ABSORPTION
HEALTH PHYSICS
HIGH ENERGY INTERACTIONS
IONIZING RADIATION
IRRADIATION
NEUTRONS
PARTICLE PRODUCTION
PHOTONS
% RADIATION
RADIATION EFFECTS
RADIATION HAZARDS
RADIOACTIVE CONTAMINANTS
RADIOACTIVE DECAY
RADIOACTIVE MATERIALS
RADIOACTIVITY
RADIOBIOLOGY
RADIOCHEMISTRY
VELA SATELLITES

NUCLEAR RADIATION SPECTROSCOPY
0411 2402 2405
GS SPECTROSCOPY
#NUCLEAR RADIATION SPECTROSCOPY
RT MASS SPECTROSCOPY
SPECTROSCOPIC ANALYSIS
VACUUM SPECTROSCOPY

NUCLEAR RAMJET ENGINES
2201 2204 2805
GS ENGINES
.ROCKET ENGINES
.#NUCLEAR RAMJET ENGINES
RT PLUTO REACTORS
% ROCKETS
SUPERSONIC LOW ALTITUDE MISSILE

NUCLEAR REACTIONS
2202 2205 2405 3001
UF NEUTRON TRANSMUTATION
GS #NUCLEAR REACTIONS
.NUCLEAR FISSION
.NUCLEAR INTERACTIONS
..NUCLEAR CAPTURE
...ELECTRON CAPTURE
..SPIN-ORBIT INTERACTIONS
...ELECTRON CAPTURE
..WEAK INTERACTIONS (FIELD THEORY)
.NUCLEAR SCATTERING
..NEUTRON SCATTERING
..RESONANCE SCATTERING
.NUCLEAR TRANSFORMATIONS
..TRANSMUTATION
.PHOTONUCLEAR REACTIONS
.PROTON SCATTERING
.PROTON-PROTON REACTIONS
.RADIOACTIVE DECAY
..ALPHA DECAY
..NEUTRON EMISSION
.SPALLATION
.THERMONUCLEAR REACTIONS
..NUCLEAR FUSION
...CONTROLLED FUSION
RT BRAGG CURVE
COMPTON EFFECT
CRITICAL EXPERIMENTS
CRITICAL MASS
ELECTRON SCATTERING
EMISSION
HALF LIFE
HIGH ENERGY INTERACTIONS
INHOUR EQUATION
% INTERACTIONS
INTERNAL CONVERSION
PAIR PRODUCTION
PARTICLE INTERACTIONS
PARTICLE PRODUCTION
PHOTONEUTRONS
POISONING (REACTION INHIBITION)

POMERONS
RADIATION ABSORPTION
RADIOGENIC MATERIALS
% REACTION
REACTION KINETICS
REACTIVITY
SOLAR NEUTRINOS
STRONG INTERACTIONS (FIELD THEORY)
SUBCRITICAL MASS

NUCLEAR REACTOR CONTROL
2202 2204 3404
RT CONFINEMENT
% CONTROL
CONTROL RODS
% REACTION CONTROL
REACTOR SAFETY

NUCLEAR REACTORS
2203 2204
GS #NUCLEAR REACTORS
.ANNULAR CORE PULSE REACTORS
.ASTRON THERMONUCLEAR REACTOR
.BREEDER REACTORS
..EXPERIMENTAL BREEDER REACTOR 1
..EXPERIMENTAL BREEDER REACTOR 2
..LIGHT WATER BREEDER REACTORS
..LIQUID METAL FAST BREEDER REACTORS
.ENGINEERING TEST REACTORS
.FAST NUCLEAR REACTORS
..EXPERIMENTAL BREEDER REACTOR 1
..EXPERIMENTAL BREEDER REACTOR 2
..FAST OXIDE REACTORS
..FAST TEST REACTORS
..GAS COOLED FAST REACTORS
..LIQUID METAL FAST BREEDER REACTORS
.FUSION REACTORS
..HELIOTRONS
..SPHEROMAKS
..STELLARATORS
.FUSION-FISSION HYBRID REACTORS
.GAS COOLED REACTORS
..EXPERIMENTAL GAS COOLED REACTORS
..GAS COOLED FAST REACTORS
..HIGH TEMPERATURE NUCLEAR REACTORS
...HIGH TEMPERATURE GAS COOLED REACTORS
..KIWI REACTORS
...KIWI B REACTORS
....KIWI B-1 REACTOR
....KIWI B-4 REACTOR
..TORY 2 REACTOR
..TORY 2-A REACTOR
..TORY 2-C REACTOR
.GASEOUS FISSION REACTORS
.HANFORD REACTORS
.HIGH FLUX ISOTOPE REACTORS
.LIQUID COOLED REACTORS
..LIQUID METAL COOLED REACTORS
...ADVANCED SODIUM COOLED REACTOR
...EXPERIMENTAL BREEDER REACTOR 1
...EXPERIMENTAL BREEDER REACTOR 2
...LITHIUM COOLED REACTOR EXPERIMENT
...LOS ALAMOS MOLTEN PLUTONIUM REACTOR
...MILITARY COMPACT REACTORS
...SODIUM GRAPHITE REACTORS
...SODIUM REACTOR EXPERIMENT
..ORGANIC COOLED REACTORS
...EXPERIMENTAL ORGANIC COOLED REACTORS
..WATER COOLED REACTORS
...BOILING WATER REACTORS
....EXPERIMENTAL BOILING WATER REACTORS
....HALDEN BOILING WATER REACTOR
....LOS ALAMOS WATER BOILER REACTOR
....PATHFINDER NUCLEAR REACTOR
....SPERT REACTORS
...HEAVY WATER REACTORS
....HEAVY WATER COMPONENTS TEST REACTORS
....PLUTONIUM RECYCLE TEST REACTOR
....ZERO POWER REACTOR 2
...LIGHT WATER REACTORS
...NRX REACTORS
...PLUM BROOK REACTOR
...PRESSURIZED WATER REACTORS
....SPECTRAL SHIFT CONTROL REACTOR
...SWIMMING POOL REACTORS
...ZERO POWER REACTORS
....ZERO POWER REACTOR 2
....ZERO POWER REACTOR 3
....ZERO POWER REACTOR 6
....ZERO POWER REACTOR 9
.MOLTEN SALT NUCLEAR REACTORS
.NUCLEAR POWER REACTORS
..KIWI REACTORS
...KIWI B REACTORS
....KIWI B-1 REACTOR
....KIWI B-4 REACTOR
..PATHFINDER NUCLEAR REACTOR
..PLUTONIUM RECYCLE TEST REACTOR
..SPACE POWER REACTORS
...FISSION ELECTRIC CELLS
....SNAP 2
....SNAP 4
....SNAP 8
....SNAP 10A
...SPACE POWER UNIT REACTORS
..TORY 2 REACTOR
..TORY 2-A REACTOR
..TORY 2-C REACTOR
.NUCLEAR RESEARCH AND TEST REACTORS
..ADVANCED TEST REACTORS
..EXPERIMENTAL BOILING WATER REACTORS
..EXPERIMENTAL BREEDER REACTOR 1
..EXPERIMENTAL BREEDER REACTOR 2
..EXPERIMENTAL GAS COOLED REACTORS
..EXPERIMENTAL ORGANIC COOLED REACTORS
..HEALTH PHYSICS RESEARCH REACTOR
..HEAVY WATER COMPONENTS TEST REACTORS
..HERO REACTOR
..HIGH TEMPERATURE NUCLEAR REACTORS
..JANUS REACTOR
..KIWI REACTORS
...KIWI B REACTORS
....KIWI B-1 REACTOR
....KIWI B-4 REACTOR
..LIVERMORE POOL TYPE REACTOR
..LOS ALAMOS MOLTEN PLUTONIUM REACTOR
..MILITARY COMPACT REACTORS
..NRX REACTORS
..PLUM BROOK REACTOR
..PLUTONIUM RECYCLE TEST REACTOR
..SODIUM REACTOR EXPERIMENT
..SPERT REACTORS
..TORY 2 REACTOR
..TORY 2-A REACTOR
..TORY 2-C REACTOR
..TOWER SHIELDING REACTOR 2
..ZERO POWER REACTOR 2
..ZERO POWER REACTOR 3
..ZERO POWER REACTOR 6
..ZERO POWER REACTOR 9
.ORGANIC MODERATED REACTORS
..EXPERIMENTAL ORGANIC COOLED REACTORS
.PEBBLE BED REACTORS
.PHOEBUS NUCLEAR REACTOR
.PLASMA CORE REACTORS
.PLUTO REACTORS
.THERMAL REACTORS
.TOKAMAK DEVICES
..JOINT EUROPEAN TORUS
.WATER MODERATED REACTORS
..EXPERIMENTAL BOILING WATER REACTORS

..HEAVY WATER COMPONENTS TEST REACTORS
..PLUTONIUM RECYCLE TEST REACTOR
RT CLOSED CYCLES
CONTROL RODS
COOLANTS
FISSILE FUELS
HIGH FLUX BEAM REACTORS
INHOUR EQUATION
LOSS OF COOLANT
MODERATORS
% NUCLEAR ENERGY
% PILES
RADIATION SHIELDING
REACTOR CORES
REACTOR DESIGN
REACTOR MATERIALS
REACTOR PHYSICS
REACTOR SAFETY
REACTOR STARTUP TESTS
REACTOR TECHNOLOGY
% REACTORS
ROVER PROJECT
THERMAL NEUTRONS
THERMAL POLLUTION

NUCLEAR RELAXATION
1203 2404
RT RELAXATION (MECHANICS)

NUCLEAR RESEARCH
2204 2405 3404
GS RESEARCH
#NUCLEAR RESEARCH
RT HIGH ENERGY INTERACTIONS
LABORATORIES
% NUCLEAR ENERGY
PLASMA CORE REACTORS
RADIOCHEMISTRY

NUCLEAR RESEARCH AND TEST REACTORS
1108 2202 2204 3404
UF MATERIALS TESTING REACTORS
NUCLEAR TEST REACTORS
PHYSICAL CONSTANTS TESTING REACTOR
GS NUCLEAR REACTORS
#NUCLEAR RESEARCH AND TEST REACTORS
..ADVANCED TEST REACTORS
..EXPERIMENTAL BOILING WATER REACTORS
..EXPERIMENTAL BREEDER REACTOR 1
..EXPERIMENTAL BREEDER REACTOR 2
..EXPERIMENTAL GAS COOLED REACTORS
..EXPERIMENTAL ORGANIC COOLED REACTORS
..HEALTH PHYSICS RESEARCH REACTOR
..HEAVY WATER COMPONENTS TEST REACTORS
..HERO REACTOR
..HIGH TEMPERATURE NUCLEAR REACTORS
..JANUS REACTOR
..KIWI REACTORS
...KIWI B REACTORS
....KIWI B-1 REACTOR
....KIWI B-4 REACTOR
..LIVERMORE POOL TYPE REACTOR
..LOS ALAMOS MOLTEN PLUTONIUM REACTOR
..MILITARY COMPACT REACTORS
..NRX REACTORS
..PLUM BROOK REACTOR
..PLUTONIUM RECYCLE TEST REACTOR
..SODIUM REACTOR EXPERIMENT
..SPERT REACTORS
..TORY 2 REACTOR
..TORY 2-A REACTOR
..TORY 2-C REACTOR
..TOWER SHIELDING REACTOR 2
..ZERO POWER REACTOR 2
..ZERO POWER REACTOR 3
..ZERO POWER REACTOR 6
..ZERO POWER REACTOR 9
RT BOILING WATER REACTORS
NEUTRON SOURCES
REACTOR DESIGN
REACTOR TECHNOLOGY
% REACTORS
TRANSIENT REACTOR TEST FACILITY

NUCLEAR ROCKET ENGINES
2204 2405 3106
UF THERMIONIC REACTORS
GS ENGINES
.ROCKET ENGINES
.#NUCLEAR ROCKET ENGINES
...NUCLEAR LIGHTBULB ENGINES
RT BOOSTER ROCKET ENGINES
ION ENGINES
MERCURY ION ENGINES
PHOEBUS NUCLEAR REACTOR
PLUTO REACTORS
RESTARTABLE ROCKET ENGINES
% ROCKETS
SUSTAINER ROCKET ENGINES

NUCLEAR SCATTERING
2402 2403 2405
SN (SCATTERING CAUSED BY NUCLEUS AND NOT BY ORBITAL ELECTRONS)
GS NUCLEAR REACTIONS
#NUCLEAR SCATTERING
..NEUTRON SCATTERING
..RESONANCE SCATTERING
SCATTERING
#NUCLEAR SCATTERING
..NEUTRON SCATTERING
..RESONANCE SCATTERING
RT ANGULAR DISTRIBUTION
BACKSCATTERING
COHERENT SCATTERING
ELASTIC SCATTERING
ELECTRON SCATTERING
FORWARD SCATTERING
INCOHERENT SCATTERING
INELASTIC SCATTERING
MANDELSTAM REPRESENTATION

NUCLEAR SHIELDING
USE RADIATION SHIELDING

NUCLEAR SPIN
2307 2405
GS SPIN
.PARTICLE SPIN
.#NUCLEAR SPIN
RT ELECTRON SPIN
ENERGY LEVELS
KONDO EFFECT
MAGNETIC RESONANCE
OVERHAUSER EFFECT
QUANTUM NUMBERS
QUANTUM THEORY

NUCLEAR STRUCTURE
2401 2405
RT ENERGY LEVELS
EVEN-EVEN NUCLEI
ODD-ODD NUCLEI

NUCLEAR TEST REACTORS
USE NUCLEAR RESEARCH AND TEST REACTORS

NUCLEAR TRANSFORMATIONS
2405
GS NUCLEAR REACTIONS
#NUCLEAR TRANSFORMATIONS
..TRANSMUTATION

NUCLEAR VULNERABILITY
1702
GS VULNERABILITY
#NUCLEAR VULNERABILITY
RT PENETRATION
RADIATION EFFECTS
THERMONUCLEAR EXPLOSIONS

```
NUCLEAR WARFARE
  2205 2405 3401
  GS   WARFARE
       #NUCLEAR WARFARE
  RT   CIVIL DEFENSE
       HARDENING (SYSTEMS)
     % NUCLEAR ENERGY

NUCLEAR WARHEADS
  2205 2806 3101 3106 3301 3302
  GS   WEAPONS
       .WARHEADS
       .#NUCLEAR WARHEADS

NUCLEAR WASTES
  USE  RADIOACTIVE WASTES

NUCLEAR WEAPONS
  2205 2405 3401
  GS   WEAPONS
       #NUCLEAR WEAPONS
       ..FISSION WEAPONS
       ..FUSION WEAPONS
  RT   BOMBS (ORDNANCE)
       EXPLOSIVES
       MISSILES
     % NUCLEAR ENERGY
       PROJECTILES
     % ROCKETS
       SPACE WEAPONS
       TORPEDOES
       WARHEADS
       WEAPON SYSTEMS
       WEAPONS DELIVERY

NUCLEASE
  0403 0406 1808
  GS   BIOPOLYMERS
       .PROTEINS
       ..ENZYMES
       ..#NUCLEASE
       ORGANIC COMPOUNDS
       .PROTEINS
       ..ENZYMES
       ..#NUCLEASE

NUCLEATE BOILING
  2203 3303 3304
  GS   PHASE TRANSFORMATIONS
       .VAPORIZING
       ..BOILING
       ..#NUCLEATE BOILING
       ....LEIDENFROST PHENOMENON
  RT   FILM BOILING
       HEAT TRANSFER
       HEAT TRANSFER COEFFICIENTS
       NUCLEATION

NUCLEATION
  0602 0603 2401 2601
  GS  #NUCLEATION
       .CLOUD SEEDING
  RT   ACCUMULATIONS
       AITKEN NUCLEI
       ATOMIC CLUSTERS
       CONDENSATION NUCLEI
       CONDENSING
       CRYSTAL GROWTH
       CRYSTALLIZATION
       DROP SIZE
     % FORMATION
       HEAT TREATMENT
       ICE NUCLEI
       INITIATION
       INOCULATION
       JET CONDENSERS
       METAL CLUSTERS
       MOLECULAR CLUSTERS
       NUCLEATE BOILING
     % NUCLEI
       RECRYSTALLIZATION
       SUPERCOOLING

% NUCLEI
  0406 2202 2401 2405
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ACTIVE GALACTIC NUCLEI
       AITKEN NUCLEI
       CHARGED PARTICLES
       CHROMOSOMES
       CONDENSATION NUCLEI
       ICE NUCLEI
       NUCLEATION
       NUCLEI (CYTOLOGY)
       NUCLEI (NUCLEAR PHYSICS)
       NUCLEOGENESIS
       ODD-ODD NUCLEI

NUCLEI (CYTOLOGY)
  0404 0406 0409
  GS   ORGANELLES
       #NUCLEI (CYTOLOGY)
  RT   CELLS (BIOLOGY)
       CYTOLOGY
       CYTOPLASM
       GENETICS
     % NUCLEI

NUCLEI (NUCLEAR PHYSICS)
  2401 2405 2903
  GS   PARTICLES
       .CHARGED PARTICLES
       ..ENERGETIC PARTICLES
       ..#NUCLEI (NUCLEAR PHYSICS)
       ....EVEN-EVEN NUCLEI
       ....HEAVY NUCLEI
       ....HYPERNUCLEI
       ....ODD-EVEN NUCLEI
       ....ODD-ODD NUCLEI
  RT   ATOMS
       CORPUSCULAR RADIATION
       COSMIC RAYS
       ELEMENTARY PARTICLES
       IONS
       ISOTOPES
       NEUTRONS
       NUCLEAR ISOBARS
     % NUCLEI
       NUCLEONS
     % PHYSICS
       PROTONS

NUCLEIC ACID DENATURATION
  USE  BIOPOLYMER DENATURATION

NUCLEIC ACIDS
  0403 1808
  GS   ACIDS
       #NUCLEIC ACIDS
       ..DEOXYRIBONUCLEIC ACID
       ..RIBONUCLEIC ACIDS
       BIOPOLYMERS
       #NUCLEIC ACIDS
       ..DEOXYRIBONUCLEIC ACID
       ..RIBONUCLEIC ACIDS
       ORGANIC COMPOUNDS
       #NUCLEIC ACIDS
       ..DEOXYRIBONUCLEIC ACID
       ..RIBONUCLEIC ACIDS
  RT   BIOPOLYMER DENATURATION
       GUANOSINES
       PROTEINS
       URIDYLIC ACID

NUCLEOGENESIS
  0406
  RT   GENETICS
       MUTATIONS
     % NUCLEI

NUCLEON POTENTIAL
  2301 2304 2403
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  RT    NEUTRONS
        NUCLEAR PARTICLES
        NUCLEAR POTENTIAL
      % POTENTIAL
        PROTONS
      % RADIATION

NUCLEON-NUCLEON INTERACTIONS
  2405
  GS    PARTICLE INTERACTIONS
        .ELEMENTARY PARTICLE INTERACTIONS
        .#NUCLEON-NUCLEON INTERACTIONS
  RT    CHARGED PARTICLES
      % INTERACTIONS

NUCLEON-NUCLEON SCATTERING
  2403 2405
  GS    SCATTERING
        #NUCLEON-NUCLEON SCATTERING
  RT    NUCLEAR PARTICLES
        PARTICLE COLLISIONS
        POMERANCHUK THEOREM

NUCLEONICS
  1002 2405
  RT % ELECTRONICS
      % NUCLEAR ENERGY
        NUCLEAR PHYSICS
        TECHNOLOGIES

NUCLEONS
  2403 2405
  GS    PARTICLES
        .ELEMENTARY PARTICLES
        .#NUCLEONS
        .NUCLEAR PARTICLES
        .#NUCLEONS
  RT    ALPHA PARTICLES
        ANTINUCLEONS
        BARYONS
        CHARGED PARTICLES
        FAST NEUTRONS
        HYPERONS
        NEUTRONS
        NUCLEI (NUCLEAR PHYSICS)
        PROTONS
        VECTOR DOMINANCE MODEL

NUCLEOPHILES
  0603 1808
  GS    ELECTRON ATTACHMENT
        #NUCLEOPHILES

NUCLEOSIDES
  0403 1808
  GS    ORGANIC COMPOUNDS
        .CARBOHYDRATES
        ..GLUCOSIDES
        ..#NUCLEOSIDES
        ....ADENINES
        ....GUANOSINES
  RT    RIBOSE
        THYMIDINE

NUCLEOSYNTHESIS
  USE   NUCLEAR FUSION

NUCLEOTIDES
  0403 1808
  GS    ORGANIC COMPOUNDS
        #NUCLEOTIDES
        ..ADENINES
        ..ADENOSINES
        ...ADENOSINE DIPHOSPHATE
        ...ADENOSINE TRIPHOSPHATE
        ...CYCLIC AMP
        ..POLYNUCLEOTIDES
        ..PYRIDINE NUCLEOTIDES
        ..URIDYLIC ACID
  RT    BIOPOLYMERS
        PROTEINS

NUCLIDES
  2203 2403 2405 2406
  GS    CHEMICAL ELEMENTS
        #NUCLIDES
        ..ISOTOPES
        ...ALUMINUM ISOTOPES
        ....ALUMINUM 26
        ....ALUMINUM 27
        ...ANTIMONY ISOTOPES
        ...ARGON ISOTOPES
        ...ARSENIC ISOTOPES
        ...BARIUM ISOTOPES
        ...BERYLLIUM ISOTOPES
        ....BERYLLIUM 7
        ....BERYLLIUM 9
        ....BERYLLIUM 10
        ...BISMUTH ISOTOPES
        ...BORON ISOTOPES
        ....BORON 10
        ...BROMINE ISOTOPES
        ...CADMIUM ISOTOPES
        ...CALCIUM ISOTOPES
        ...CARBON ISOTOPES
        ....CARBON 12
        ....CARBON 13
        ....CARBON 14
        ...CERIUM ISOTOPES
        ....CERIUM 137
        ....CERIUM 144
        ...CESIUM ISOTOPES
        ....CESIUM 133
        ....CESIUM 134
        ....CESIUM 137
        ....CESIUM 144
        ...CESIUM VAPOR
        ...CHROMIUM ISOTOPES
        ...COBALT ISOTOPES
        ....COBALT 58
        ....COBALT 60
        ...DYSPROSIUM ISOTOPES
        ...ERBIUM ISOTOPES
        ...EUROPIUM ISOTOPES
        ...FLUORINE ISOTOPES
        ...GADOLINIUM ISOTOPES
        ...GALLIUM ISOTOPES
        ...GERMANIUM ISOTOPES
        ...GOLD ISOTOPES
        ....GOLD 198
        ...HAFNIUM ISOTOPES
        ...HELIUM ISOTOPES
        ...HOLMIUM ISOTOPES
        ...HYDROGEN ISOTOPES
        ....DEUTERIUM
        ....HYDROGEN 4
        ....TRITIUM
        ...IODINE ISOTOPES
        ....IODINE 125
        ....IODINE 131
        ....IODINE 132
        ...IRIDIUM ISOTOPES
        ...IRON ISOTOPES
        ....IRON 57
        ....IRON 58
        ....IRON 59
        ...KRYPTON ISOTOPES
        ....KRYPTON 85
        ...LANTHANUM ISOTOPES
        ...LEAD ISOTOPES
        ...LITHIUM ISOTOPES
        ...LUTETIUM
        ....LUTETIUM ISOTOPES
        ...MANGANESE ISOTOPES
        ...MERCURY ISOTOPES
        ...MOLYBDENUM ISOTOPES
        ...NEODYMIUM ISOTOPES
        ...NEON ISOTOPES
        ...NICKEL ISOTOPES
        ...NIOBIUM ISOTOPES
        ....NIOBIUM 95
        ...NITROGEN ISOTOPES
        ....NITROGEN 15
        ....NITROGEN 16
        ...NOBELIUM ISOTOPES
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...OXYGEN ISOTOPES
....OXYGEN 18
...PALLADIUM ISOTOPES
...PHOSPHORUS ISOTOPES
....PHOSPHORUS 32
...PLATINUM ISOTOPES
...POLONIUM ISOTOPES
....POLONIUM 208
....POLONIUM 209
....POLONIUM 210
...POTASSIUM ISOTOPES
....POTASSIUM 38
....POTASSIUM 39
....POTASSIUM 40
...PRASEODYMIUM ISOTOPES
...PROMETHIUM ISOTOPES
...PROTACTINIUM ISOTOPES
...RADIOACTIVE ISOTOPES
....ASTATINE ISOTOPES
....BERYLLIUM 7
....BERYLLIUM 9
....BERYLLIUM 10
....CARBON 14
....CERIUM 137
....CERIUM 144
....CESIUM 134
....CESIUM 137
....CESIUM 144
....COBALT 58
....COBALT 60
....GOLD 198
....INDIUM ISOTOPES
....IODINE 125
....IODINE 131
....IODINE 132
....IRON 59
....KRYPTON 85
....NIOBIUM 95
....NITROGEN 16
....PHOSPHORUS 32
....POLONIUM 208
....POLONIUM 209
....POLONIUM 210
....POTASSIUM 38
....POTASSIUM 40
....RUBIDIUM 86
....SODIUM 22
....SODIUM 24
....STRONTIUM 85
....STRONTIUM 88
....STRONTIUM 89
....STRONTIUM 90
....TRANSURANIUM ELEMENTS
.....AMERICIUM
.....AMERICIUM ISOTOPES
.....AMERICIUM 241
.....BERKELIUM
.....CALIFORNIUM
.....CALIFORNIUM ISOTOPES
.....CURIUM
.....CURIUM ISOTOPES
.....CURIUM 242
.....CURIUM 244
.....EINSTEINIUM
.....FERMIUM
.....LAWRENCIUM
.....MENDELEVIUM
.....NEPTUNIUM
.....NEPTUNIUM ISOTOPES
.....NOBELIUM
.....PLUTONIUM
.....PLUTONIUM ISOTOPES
.....PLUTONIUM 238
.....PLUTONIUM 239
.....PLUTONIUM 240
.....PLUTONIUM 241
.....PLUTONIUM 244
.....SERGENIUM
....TRITIUM
....URANIUM 232
....URANIUM 233
....URANIUM 238
....XENON 133
....XENON 135
....ZIRCONIUM 95
...RADIUM ISOTOPES
....RADIUM 226
...RADON ISOTOPES
...RHENIUM ISOTOPES
...RHODIUM ISOTOPES
...RUBIDIUM ISOTOPES
....RUBIDIUM 86
...RUTHENIUM ISOTOPES
...SCANDIUM ISOTOPES
...SELENIUM ISOTOPES
...SILVER ISOTOPES
...SODIUM ISOTOPES
....SODIUM 22
....SODIUM 24
...STRONTIUM ISOTOPES
....STRONTIUM 85
....STRONTIUM 87
....STRONTIUM 89
....STRONTIUM 90
...TANTALUM ISOTOPES
...TELLURIUM
....TELLURIUM ISOTOPES
...TERBIUM ISOTOPES
...THORIUM ISOTOPES
...THULIUM ISOTOPES
...TIN ISOTOPES
...TITANIUM ISOTOPES
...URANIUM ISOTOPES
....URANIUM 232
....URANIUM 233
....URANIUM 234
....URANIUM 235
....URANIUM 238
...VANADIUM ISOTOPES
...XENON ISOTOPES
....XENON 129
....XENON 133
....XENON 135
...YTTRIUM ISOTOPES
...ZINC ISOTOPES
...ZIRCONIUM ISOTOPES
....ZIRCONIUM 95
RT ISOTOPIC ENRICHMENT
NUCLEAR ISOBARS
PARTICLE MASS

NULL HYPOTHESIS
1902 1905
GS HYPOTHESES
#NULL HYPOTHESIS
RT CONFIDENCE LIMITS
DEGREES OF FREEDOM
SIGNIFICANCE
STATISTICAL TESTS

NULL ZONES
1301 1302
GS REGIONS
#NULL ZONES
RT DIFFRACTION PATTERNS
FIELD THEORY (PHYSICS)
% FORCE
INTERFEROMETRY
RADIATION DISTRIBUTION
SPECKLE INTERFEROMETRY
VERY LONG BASE INTERFEROMETRY

NUMBER THEORY
1902
GS #NUMBER THEORY
.ADDITION THEOREM
.ARITHMETIC
..DOUBLE PRECISION ARITHMETIC
..FIXED POINT ARITHMETIC
..FLOATING POINT ARITHMETIC
.CONGRUENCES
.DIOPHANTINE EQUATION
.DIVIDING (MATHEMATICS)
.EXPONENTS
.INDUCTION (MATHEMATICS)

.INTEGERS
.MULTIPLICATION
.SUBTRACTION
RT ADDITION
COMBINATORIAL ANALYSIS
DECIMALS
DIGITS
% DIVISION
ENUMERATION
FIBONACCI NUMBERS
FUNCTIONS (MATHEMATICS)
% INDUCTION
INFINITY
% MATHEMATICS
% NUMBERS
QUATERNIONS
SUBGROUPS
% THEORIES
UNIQUENESS THEOREM

% NUMBERS
0703 0802 1902
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ALPHANUMERIC CHARACTERS
BIOT NUMBER
COMPLEX NUMBERS
COUNTING
DAMKOHLER NUMBER
DECIMALS
DIGITS
DIMENSIONLESS NUMBERS
DOUBLE PRECISION ARITHMETIC
FIBONACCI NUMBERS
INTEGERS
NUMBER THEORY
QUANTUM NUMBERS
RANDOM NUMBERS
REAL NUMBERS

NUMERICAL ANALYSIS
1902 1903
GS ANALYSIS (MATHEMATICS)
#NUMERICAL ANALYSIS
..APPROXIMATION
...BORN APPROXIMATION
...BORN-OPPENHEIMER APPROXIMATION
...CHEBYSHEV APPROXIMATION
...EDDINGTON APPROXIMATION
...ESSENTIALLY NON-OSCILLATORY SCHEMES
...FINITE DIFFERENCE THEORY
...FINITE ELEMENT METHOD
...HARTREE APPROXIMATION
...LEAST SQUARES METHOD
...MEAN SQUARE VALUES
...MILNE METHOD
...MULTIGRID METHODS
...NEWTON METHODS
....NEWTON-RAPHSON METHOD
...NUMERICAL DIFFERENTIATION
...OSEEN APPROXIMATION
...PADE APPROXIMATION
...PARTICLE IN CELL TECHNIQUE
...POHLHAUSEN METHOD
...PREDICTOR-CORRECTOR METHODS
...RAYLEIGH-RITZ METHOD
...RELAXATION METHOD (MATHEMATICS)
...RITZ AVERAGING METHOD
...SCHWARTZ METHOD
...SOMMERFELD APPROXIMATION
...TVD SCHEMES
...UPWIND SCHEMES (MATHEMATICS)
...VORTEX IN CELL TECHNIQUE
..BOUNDARY INTEGRAL METHOD
..COMPUTATIONAL CHEMISTRY
..COMPUTATIONAL FLUID DYNAMICS
..DIFFERENCE EQUATIONS
..ERROR ANALYSIS
..FINITE VOLUME METHOD
..FLUX VECTOR SPLITTING
..GLIMM METHOD
..GRAEFF CALCULUS
..INTERPOLATION
..ITERATION
...CONJUGATE GRADIENT METHOD
...ITERATIVE SOLUTION
...NEWTON METHODS
...PREDICTOR-CORRECTOR METHODS
..MONTE CARLO METHOD
..NOMOGRAPHS
..NUMERICAL INTEGRATION
...RUNGE-KUTTA METHOD
..TRUNCATION ERRORS
RT ADJOINTS
ALGORITHMS
ALTERNATING DIRECTION IMPLICIT METHODS
% ANALYZING
% APPLICATIONS OF MATHEMATICS
ASYMPTOTES
COMPUTATIONAL GRIDS
COMPUTER PROGRAMMING
CRANK-NICHOLSON METHOD
DIFFERENTIAL EQUATIONS
ISOPARAMETRIC FINITE ELEMENTS
LINEAR PROGRAMMING
MATHEMATICAL TABLES
% MATHEMATICS
METHOD OF MOMENTS
SIGNIFICANCE
SPATIAL MARCHING
TIME MARCHING
TRAJECTORY ANALYSIS

NUMERICAL CONTROL
0802 1504 1902 3404 4001
UF COMPUTERIZED CONTROL
GS AUTOMATIC CONTROL
#NUMERICAL CONTROL
RT % AUTOMATION
COMPUTER PROGRAMS
% CONTROL
CONTROL SYSTEMS DESIGN
DIGITAL COMMAND SYSTEMS
DIGITAL TECHNIQUES
ELECTRIC CONTROL
INTERACTIVE CONTROL
MACHINE TOOLS
PRODUCTION ENGINEERING
SEQUENTIAL CONTROL
STANDARDIZATION

NUMERICAL DATA BASES
0803
GS INFORMATION SYSTEMS
#NUMERICAL DATA BASES
RT INFORMATION RETRIEVAL
ON-LINE SYSTEMS

NUMERICAL DIFFERENTIATION
1903
GS ANALYSIS (MATHEMATICS)
.NUMERICAL ANALYSIS
..APPROXIMATION
..#NUMERICAL DIFFERENTIATION
.REAL VARIABLES
.#NUMERICAL DIFFERENTIATION
RT ALGORITHMS
COMPUTER TECHNIQUES
DIFFERENTIAL CALCULUS
DIFFERENTIAL EQUATIONS
ESTIMATING
FUNCTIONS (MATHEMATICS)
% THEORIES

NUMERICAL FLOW VISUALIZATION
1201 1202 1407 1903 2310 3404 3501
GS FLOW VISUALIZATION
#NUMERICAL FLOW VISUALIZATION
RT FLOW DISTRIBUTION
HYDRAULIC ANALOGIES
SCIENTIFIC VISUALIZATION

```
NUMERICAL INTEGRATION
  1902 1903 3501
  UF   COWELL METHOD
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       .#NUMERICAL INTEGRATION
       ...RUNGE-KUTTA METHOD
       .REAL VARIABLES
       ..MEASURE AND INTEGRATION
       ..#NUMERICAL INTEGRATION
       ....RUNGE-KUTTA METHOD
  RT   DIFFERENTIAL EQUATIONS
       DIGITAL INTEGRATORS
       INTEGRAL CALCULUS

NUMERICAL STABILITY
  0101 0201
  RT   APPROXIMATION
       BACKWARD DIFFERENCING
       DIFFERENCE EQUATIONS
       DIFFERENTIAL EQUATIONS
       STRANGE ATTRACTORS

NUMERICAL WEATHER FORECASTING
  1301 2001 2002 2003 2004 3107 3110
  GS   FORECASTING
       .WEATHER FORECASTING
       .#NUMERICAL WEATHER FORECASTING
       METEOROLOGY
       .WEATHER FORECASTING
       .#NUMERICAL WEATHER FORECASTING
  RT   ATMOSPHERIC GENERAL CIRCULATION
       MODELS
       ATMOSPHERIC MODELS
       AVIATION METEOROLOGY
       COMPUTERIZED SIMULATION
       LONG RANGE WEATHER FORECASTING
       MATHEMATICAL MODELS
       STATISTICAL WEATHER FORECASTING

NUNATAKS
  1305 1306
  GS   LANDFORMS
       .ISLANDS
       .#NUNATAKS
  RT   ARCTIC REGIONS
       ROCKS
       SEA ICE

NUSSELT NUMBER
  3303 3304 3501
  GS   RATIOS
       .DIMENSIONLESS NUMBERS
       .#NUSSELT NUMBER
  RT   CONVECTIVE HEAT TRANSFER
       HEAT TRANSFER
       PRANDTL NUMBER
       SCHMIDT NUMBER

NUTATION
  0409 1901 2403 3001
  UF   NUTATIONAL OSCILLATION
  GS  #NUTATION
       .CHANDLER WOBBLE
  RT   ACTUATION
       DISPLACEMENT
     % DYNAMICS
       EARTH ORIENTATION
       KINEMATICS
       LIBRATION
     % MOTION
       PERTURBATION
       POLAR WANDERING (GEOLOGY)
       PRECESSION
       ROTATION
       VIBRATION

NUTATION DAMPERS
  1504 1901
  RT   CONTROL MOMENT GYROSCOPES
     % DAMPERS
       OSCILLATION DAMPERS
       SPACECRAFT STABILITY

NUTATIONAL OSCILLATION
  USE  NUTATION

% NUTRIENTS
  0403 0505
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   AQUICULTURE
       CALORIC REQUIREMENTS
       CARBOHYDRATES
       EUTROPHICATION
       FATS
       FATTY ACIDS
       FISHES
       LIFE SUPPORT SYSTEMS
       LIPID METABOLISM
       LIPIDS
       MINERALS
       NUTRITION
       NUTRITIONAL REQUIREMENTS
       PROTEINS
       TRACE ELEMENTS
       VITAMINS

NUTRITION
  0404 0405 0408 0505
  RT   BIOCHEMISTRY
       BROTHS
       CALORIC REQUIREMENTS
       DIETS
     % FOOD
       METABOLISM
       NITROGEN METABOLISM
     % NUTRIENTS
       NUTRITIONAL REQUIREMENTS
       SPACE FLIGHT FEEDING

NUTRITIONAL REQUIREMENTS
  0404 0408 0505
  GS  #NUTRITIONAL REQUIREMENTS
       .CALORIC REQUIREMENTS
  RT   ATROPHY
     % NUTRIENTS
       NUTRITION
       SPACE FLIGHT FEEDING
       SYNTHETIC FOOD

NUTS (FASTENERS)
  3404 0505 1504 1704
  GS   FASTENERS
       #NUTS (FASTENERS)
  RT   ANCHORS (FASTENERS)
       BOLTS
       HOLDERS
       SCREWS
       THREADS

NUTS (FRUITS)
  0409
  RT   ANGIOSPERMS
       ORCHARDS
       SEEDS

NYLON (TRADEMARK)
  1504 1802 1808 1810 1812
  GS   FIBERS
       .SYNTHETIC FIBERS
       .#NYLON (TRADEMARK)
  RT   POLYMERIC FILMS
     % POLYMERS

NYLON RESINS
  USE  POLYAMIDE RESINS

NYQUIST DIAGRAM
  1902
  GS   DIAGRAMS
       #NYQUIST DIAGRAM
  RT   CONTROL STABILITY
       TRANSFER FUNCTIONS
```

```
NYQUIST FREQUENCIES
  0702 0705
  GS   FREQUENCIES
       #NYQUIST FREQUENCIES
  RT   LINEAR RECEIVERS

NYSTAGMUS
  0401 0404 0405 0408 3401
  GS   EYE MOVEMENTS
       #NYSTAGMUS
       ..VESTIBULAR NYSTAGMUS
  RT   ELECTRONYSTAGMOGRAPHY
       EYE (ANATOMY)

O RING SEALS
  1501
  GS   SEALS (STOPPERS)
       #O RING SEALS
  RT   GASKETS
       GLANDS (SEALS)
       HERMETIC SEALS
       LABYRINTH SEALS
     % RINGS
       SPACE SHUTTLE BOOSTERS

O STARS
  3001
  GS   CELESTIAL BODIES
       .STARS
       ..EARLY STARS
       ...HOT STARS
       ...#O STARS
  RT   BLUE STARS
       WOLF-RAYET STARS

OAK RIDGE ISOCHRONOUS CYCLOTRON
  2202 2403 2405
  UF   ORIC CYCLOTRON
  GS   PARTICLE ACCELERATORS
       .CYCLOTRONS
       .#OAK RIDGE ISOCHRONOUS CYCLOTRON

OAO
  3001 3107 3409
  UF   ORBITING ASTRONOMICAL OBSERVATORY
       S-18 SATELLITE
  GS   OBSERVATORIES
       .ASTRONOMICAL OBSERVATORIES
       ..ASTRONOMICAL SATELLITES
       ..#OAO
       ....OAO 1
       ....OAO 2
       ....OAO 3
  RT   AGENA B ROCKET VEHICLE
       ATLAS LAUNCH VEHICLES
       HEAO
       HEAO 1
       HEAO 2
       HEAO 3
       MANNED ORBITAL TELESCOPES

OAO 1
  3001 3107 3409
  UF   OAO-A
  GS   OBSERVATORIES
       .ASTRONOMICAL OBSERVATORIES
       ..ASTRONOMICAL SATELLITES
       ...OAO
       ...#OAO 1
  RT   ATLAS CENTAUR LAUNCH VEHICLE

OAO 2
  3001 3107 3409
  UF   OAO-A2
  GS   OBSERVATORIES
       .ASTRONOMICAL OBSERVATORIES
       ..ASTRONOMICAL SATELLITES
       ...OAO
       ...#OAO 2
  RT   ATLAS CENTAUR LAUNCH VEHICLE

OAO 3
  3001 3107 3409
  UF   COPERNICUS SPACECRAFT
       OAO-C
  GS   OBSERVATORIES
       .ASTRONOMICAL OBSERVATORIES
       ..ASTRONOMICAL SATELLITES
       ...OAO
       ...#OAO 3
  RT   ATLAS CENTAUR LAUNCH VEHICLE

OAO-A
  USE  OAO 1

OAO-A2
  USE  OAO 2

OAO-C
  USE  OAO 3

OASES
  1305
  RT   AQUIFERS
       ARID LANDS
       DESERTIFICATION
       DESERTS
       POTABLE WATER
       SPRINGS (WATER)
       VEGETATION
       WELLS

OATS
  0409 0505
  GS   FARM CROPS
       .GRAINS (FOOD)
       .#OATS
       PLANTS (BOTANY)
       #OATS
  RT   AGRICULTURE
       BOTANY
       CROP GROWTH
       CROP VIGOR
       CURING
       EARTH RESOURCES
     % FOOD
       GRASSES
       IRRIGATION
       SEEDS

OBERON
  1901 3001 3007 3008
  GS   CELESTIAL BODIES
       .NATURAL SATELLITES
       ..URANUS SATELLITES
       ..#OBERON
  RT   URANUS (PLANET)

OBESITY
  0404 0405 0408
  RT   BODY FLUIDS
       BODY MEASUREMENT (BIOLOGY)
       BODY SIZE (BIOLOGY)
       BODY VOLUME (BIOLOGY)
       BODY WEIGHT
       METABOLISM

OBJECT PROGRAMS
  0802
  GS   COMPUTER PROGRAMS
       #OBJECT PROGRAMS

OBJECT-ORIENTED PROGRAMMING
  0802
  GS   COMPUTER PROGRAMMING
       #OBJECT-ORIENTED PROGRAMMING
  RT   ADA (PROGRAMMING LANGUAGE)
       C++ (PROGRAMMING LANGUAGE)
       SOFTWARE ENGINEERING

OBLATE SPHEROIDS
  1901 1902 3408
  GS   GEOMETRY
       .EUCLIDEAN GEOMETRY
```

..ANALYTIC GEOMETRY
...SPHEROIDS
...#OBLATE SPHEROIDS
RT ELLIPTICITY
FINENESS RATIO
FLATTENING
GEODESY
GEOIDS
PROLATE SPHEROIDS
SHAPES
SOLAR OBLATENESS

OBLIQUE COORDINATES
1902
GS COORDINATES
#OBLIQUE COORDINATES
RT CARTESIAN COORDINATES

OBLIQUE SHOCK WAVES
0101 1202 1203
GS ELASTIC WAVES
.SHOCK WAVES
.#OBLIQUE SHOCK WAVES
RT MAGNETOHYDRODYNAMIC WAVES
NORMAL SHOCK WAVES
SHOCK LAYERS
SUPERSONIC COMPRESSORS

OBLIQUE WINGS
0104
GS AIRFOILS
.WINGS
.#OBLIQUE WINGS
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
DRONE AIRCRAFT
PILOTLESS AIRCRAFT
REMOTELY PILOTED VEHICLES
WING PLANFORMS

OBLIQUENESS
1902
RT ANGLES (GEOMETRY)
INCIDENT RADIATION

OBSCURATION
USE OCCULTATION

OBSERVABILITY (SYSTEMS)
3407
RT BOUNDARY VALUE PROBLEMS
CONTROL THEORY
DEPENDENT VARIABLES
FEEDBACK CONTROL
INDEPENDENT VARIABLES
OBSERVATION
PARAMETER IDENTIFICATION
STATE VECTORS
SYSTEM IDENTIFICATION
% SYSTEMS
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING

OBSERVATION
0709 0803 1409 3405 3407
GS #OBSERVATION
.EARTH OBSERVATIONS (FROM SPACE)
..SATELLITE OBSERVATION
.SKY SURVEYS (ASTRONOMY)
.SPACE OBSERVATIONS (FROM EARTH)
.VISUAL OBSERVATION
RT COUNTING
DATA ACQUISITION
DETECTION
EVALUATION
EXAMINATION
FOREST FIRE DETECTION
OBSERVABILITY (SYSTEMS)
% PERFORMANCE
RADIO OBSERVATION
RECONNAISSANCE
SURVEILLANCE

OBSERVATION AIRCRAFT
0207
GS #OBSERVATION AIRCRAFT
.A-2 AIRCRAFT
.BREGUET 1150 AIRCRAFT
.CESSNA L-19 AIRCRAFT
.CL-84 AIRCRAFT
.E-2 AIRCRAFT
.F-5 AIRCRAFT
.G-91 AIRCRAFT
.G-95/4 AIRCRAFT
.MIRAGE AIRCRAFT
..MIRAGE 3 AIRCRAFT
.OH-4 HELICOPTER
.OH-5 HELICOPTER
.OH-6 HELICOPTER
.OV-1 AIRCRAFT
.OV-10 AIRCRAFT
.P-1127 AIRCRAFT
.P-1154 AIRCRAFT
.RB-50 AIRCRAFT
.RF-4 AIRCRAFT
.TSR-2 AIRCRAFT
.U-2 AIRCRAFT
RT % AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
ARC CLOUDS
BALLOONS
FLYING PLATFORMS
GLIDERS
HS-801 AIRCRAFT
KUIPER AIRBORNE OBSERVATORY
LIGHT AIRCRAFT
LIGHT HELICOPTERS
% MILITARY AIRCRAFT
RECONNAISSANCE AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
UTILITY AIRCRAFT
WEATHER RECONNAISSANCE AIRCRAFT

OBSERVATORIES
1412 3001
GS #OBSERVATORIES
.ASTRONOMICAL OBSERVATORIES
..ASTRONOMICAL SATELLITES
...ASTRONOMICAL NETHERLANDS SATELLITE
...GAMMA RAY OBSERVATORY
...GINGA SATELLITE
...HEAO
....HEAO 1
....HEAO 2
....HEAO 3
...HUBBLE SPACE TELESCOPE
...INFRARED ASTRONOMY SATELLITE
...INFRARED SPACE OBSERVATORY (ISO)
...IUE
...LARGE DEPLOYABLE REFLECTOR
...MAGELLAN ULTRAVIOLET ASTRONOMY SATELLITE
...OAO
....OAO 1
....OAO 2
....OAO 3
...OSO
....AOSO
....OSO-1
....OSO-2
....OSO-3
....OSO-4
....OSO-5
....OSO-6
....OSO-7
....OSO-8
...QUASAT
...SAS
....EXPLORER 53 SATELLITE
....SAS-1
....SAS-2
....SAS-3
...SPACE INFRARED TELESCOPE

FACILITY
...SPARTAN SATELLITES
...TENMA SATELLITE
...X RAY ASTROPHYSICS FACILITY
..ASTROPLANE
..ROSAT MISSION
..SOFIA (AIRBORNE OBSERVATORY)
.GEOPHYSICAL OBSERVATORIES
..OGO
...EGO
...OGO-A
...OGO-3
...OGO-5
...POGO
....OGO-C
....OGO-4
....OGO-6
..OSO
...OSO-C
...OSO-1
...OSO-2
...OSO-3
...OSO-4
...OSO-5
...OSO-6
...OSO-7
...OSO-8
.JODRELL BANK OBSERVATORY
.KUIPER AIRBORNE OBSERVATORY
.LUNAR OBSERVATORIES
.SOLAR OBSERVATORIES
..OSO
...AOSO
...OSO-C
...OSO-1
...OSO-2
...OSO-3
...OSO-4
...OSO-5
...OSO-6
...OSO-7
...OSO-8
..PINHOLE OCCULTER FACILITY
RT ARTIFICIAL SATELLITES

OBSIDIAN
1805 1806
GS ROCKS
.IGNEOUS ROCKS
.#OBSIDIAN
...MOLDAVITE
RT GLASS
MINERALS
POWDER (PARTICLES)
PUMICE
SILICON DIOXIDE
SOILS

OBSIDIAN GLASS
1805 1806
GS GLASS
#OBSIDIAN GLASS

OBSTACLE AVOIDANCE
0702
RT AIRCRAFT MANEUVERS
EVASIVE ACTIONS
TACTICS
VULNERABILITY

OBSTACLES
USE BARRIERS

OBSTRUCTING
USE BLOCKING

OCCIPITAL LOBES
0401 0404 0405
GS ANATOMY
.NERVOUS SYSTEM
..CENTRAL NERVOUS SYSTEM
...BRAIN
....CEREBRUM
....#OCCIPITAL LOBES

OCCLUSION
0405 0602 1203 3501
RT DEGASSING
GAS-METAL INTERACTIONS
GAS-SOLID INTERFACES
SOLIDIFICATION

OCCULTATION
1902 2308 3001
UF OBSCURATION
GS #OCCULTATION
.LUNAR OCCULTATION
..SOLAR ECLIPSES
.RADIO OCCULTATION
.STELLAR OCCULTATION
RT % CONJUNCTION
ECLIPSES
EXTINGUISHING
PINHOLE OCCULTER FACILITY
% TRANSIT

OCCUPATION
3402
RT INDUSTRIAL SAFETY
PERSONNEL
WORK

OCCUPATIONAL DISEASES
0404 0405 0408 0410 0412
GS DISEASES
#OCCUPATIONAL DISEASES
RT ANEMIAS
CARBON MONOXIDE POISONING
CATARACTS
EMPHYSEMA
HAZARDS
HEALTH PHYSICS
LEAD POISONING
LEUKEMIAS
OPERATIONAL HAZARDS
PUBLIC HEALTH
PULMONARY LESIONS
RADIATION HAZARDS
TOXIC HAZARDS
TUMORS

OCCURRENCES
2311 3407
RT EVENTS

OCEAN BOTTOM
1306 1308 1310
RT BEDS (GEOLOGY)
CONTINENTAL SHELVES
CORE SAMPLING
CRATONS
DEEP WATER
GEOLOGY
MARINE CHEMISTRY
MID-OCEAN RIDGES
MUD
OCEANOGRAPHY
SEA FLOOR SPREADING
SEAMOUNTS
SEDIMENTS
SLUDGE
UNDERWATER RESOURCES

OCEAN COLOR SCANNER
1409
GS SCANNERS
#OCEAN COLOR SCANNER
RT CHLOROPHYLLS
COASTAL WATER
COASTAL ZONE COLOR SCANNER
COLORIMETRY
MULTISPECTRAL BAND SCANNERS
OCEAN DATA ACQUISITIONS SYSTEMS
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY

PHOTOMAPPING
REMOTE SENSORS
WATER COLOR

OCEAN CURRENTS
1310 2003
GS CIRCULATION
.WATER CIRCULATION
..WATER CURRENTS
..#OCEAN CURRENTS
....COASTAL CURRENTS
....EL NINO
....GULF STREAM
....LOMONOSOV CURRENT
RT CORE SAMPLING
% CURRENTS
FLUID FLOW
FRONTAL WAVES
GYRES
HYDROGRAPHY
LITTORAL DRIFT
LITTORAL TRANSPORT
OCEAN DYNAMICS
OCEANOGRAPHY
OCEANS
PRESSURE ICE
SALINITY
SPITSBERGEN (NORWAY)
TIDAL WAVES
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
TIDES
TOPEX
UPWELLING WATER
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

OCEAN DATA ACQUISITIONS SYSTEMS
0803 1310 2003
UF OCEAN DATA PLATFORMS
OCEAN DATA STATIONS
ODAS
RT ARGOS SYSTEM
AUTOMATIC WEATHER STATIONS
BUOYS
COASTAL ZONE COLOR SCANNER
% DATA
DATA ACQUISITION
GROUND STATIONS
INSTRUMENT PACKAGES
METEOROLOGICAL PARAMETERS
OCEAN COLOR SCANNER
OCEANOGRAPHIC PARAMETERS
SHIPS
TRANSOCEANIC SYSTEMS
UNDERWATER RESEARCH LABORATORIES
WEATHER STATIONS

OCEAN DATA PLATFORMS
USE OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN DATA STATIONS
USE OCEAN DATA ACQUISITIONS SYSTEMS

OCEAN DYNAMICS
1310
RT AIR WATER INTERACTIONS
DYNAMIC CHARACTERISTICS
% DYNAMICS
FLUID DYNAMICS
HYDRODYNAMICS
OCEAN CURRENTS
OCEAN MODELS
OCEAN SURFACE
OCEANOGRAPHY
WATER WAVES

OCEAN FLOOR SPREADING
USE SEA FLOOR SPREADING

OCEAN MODELS
1310 1902
GS MODELS
#OCEAN MODELS
RT AIR WATER INTERACTIONS
ATMOSPHERIC MODELS
DYNAMIC MODELS
MARINE ENVIRONMENTS
MATHEMATICAL MODELS
OCEAN DYNAMICS
OCEANOGRAPHY
SARGASSO SEA
SEA ROUGHNESS
SEA STATES

OCEAN SURFACE
1304 1306 1310
RT EARTH SURFACE
FLUID FLOW
HYDROGRAPHY
OCEAN DYNAMICS
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY
SARGASSO SEA
SEA LEVEL
SEA ROUGHNESS
SEA STATES
SEA SURFACE TEMPERATURE
SEA TRUTH
SEA WATER
STORM SURGES
% SURFACES
TIDAL WAVES
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
TIDES
TOPEX
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES

OCEAN TEMPERATURE
1310
GS OCEANOGRAPHIC PARAMETERS
#OCEAN TEMPERATURE
..SEA SURFACE TEMPERATURE
TEMPERATURE
.WATER TEMPERATURE
.#OCEAN TEMPERATURE
...SEA SURFACE TEMPERATURE
RT EL NINO
OCEANOGRAPHY
OCEANS
OFFSHORE ENERGY SOURCES
SEA STATES
SEA TRUTH
SEA WATER
SEAS
SOLAR SEA POWER PLANTS
SURFACE TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE GRADIENTS
THERMAL POLLUTION

OCEAN THERMAL ENERGY CONVERSION
1306
GS ENERGY CONVERSION
#OCEAN THERMAL ENERGY CONVERSION
RT % CONVERSION
% ENERGY SOURCES
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL TECHNOLOGY
SOLAR SEA POWER PLANTS
TEMPERATURE

OCEANOGRAPHIC PARAMETERS
1310 2003
GS #OCEANOGRAPHIC PARAMETERS
.OCEAN TEMPERATURE
..SEA SURFACE TEMPERATURE
RT ATMOSPHERIC & OCEANOGRAPHIC INFORM
SYS
COASTAL ZONE COLOR SCANNER
INTEGRATED GLOBAL OCEAN STATION

SYSTEMS
METEOROLOGICAL PARAMETERS
OCEAN COLOR SCANNER
OCEAN DATA ACQUISITIONS SYSTEMS
OCEAN SURFACE
SALINITY
SEA STATES

OCEANOGRAPHY
1310 2003
RT ARTIFICIAL HARBORS
ATMOSPHERIC & OCEANOGRAPHIC INFORM
SYS
BATHYMETERS
BAY ICE
BREAKWATERS
COASTAL CURRENTS
COASTAL ZONE COLOR SCANNER
CORE SAMPLING
DEEP SCATTERING LAYERS
DEEP WATER
DEEPWATER TERMINALS
EARTH & OCEAN PHYSICS APPLICATIONS
PROGRAM
EARTH PLANETARY STRUCTURE
EARTH RESOURCES
EARTH SCIENCES
ENVIRONMENTAL MONITORING
EROS (SATELLITES)
ESTUARIES
FIORDS
FRONTAL WAVES
GARP ATLANTIC TROPICAL EXPERIMENT
GEOGRAPHY
GEOLOGY
GEOPHYSICS
GYRES
HARBORS
HYDROCLIMATOLOGY
HYDROGRAPHY
HYDROLOGY
ICE FLOES
ICE MAPPING
ISTHMUSES
LANDSAT SATELLITES
MARINE BIOLOGY
MARINE ENVIRONMENTS
MARINE METEOROLOGY
MARINE RESOURCES
MARINE TECHNOLOGY
MARSHLANDS
METEOROLOGY
MID-OCEAN RIDGES
OCEAN BOTTOM
OCEAN COLOR SCANNER
OCEAN CURRENTS
OCEAN DYNAMICS
OCEAN MODELS
OCEAN SURFACE
OCEAN TEMPERATURE
OCEANS
OFFSHORE DOCKING
OFFSHORE PLATFORMS
OIL SLICKS
PELAGIC ZONE
% PHYSICAL SCIENCES
RED TIDE
REEFS
SARGASSO SEA
% SCIENCE
SEA GRASSES
SEA ICE
SEA LEVEL
SEA ROUGHNESS
SEA STATES
SEA SURFACE TEMPERATURE
SEA WATER
SEAS
SEASAT PROGRAM
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
SEAWEEDS
SHALLOW WATER
SHIPYARDS
SHOALS
SHORELINES
STORM SURGES
TANKER TERMINALS
THERMOCLINES
TIDAL WAVES
TIDE POWERED GENERATORS
TIDEPOWER
TIDES
TOPEX
TOPOGRAPHY
UNDERWATER RESEARCH LABORATORIES
UNDERWATER RESOURCES
WATER CIRCULATION
WATER CURRENTS
WATERFOWL
WATERWAVE ENERGY
WATERWAVE ENERGY CONVERSION
WETLANDS

OCEANS
1305 1310
GS #OCEANS
.ANTARCTIC OCEAN
.ARCTIC OCEAN
.ATLANTIC OCEAN
.INDIAN OCEAN
.PACIFIC OCEAN
RT COASTAL CURRENTS
COASTAL WATER
COASTS
DEEP WATER
EARTH HYDROSPHERE
GEOGRAPHY
KEYS (ISLANDS)
MARINE RESOURCES
NEARSHORE WATER
OCEAN CURRENTS
OCEAN TEMPERATURE
OCEANOGRAPHY
SEAS
SEAWEEDS
SHALLOW WATER
SHOALS
SHORELINES
SOUNDS (TOPOGRAPHIC FEATURES)
THERMAL POLLUTION
TIDAL FLATS
TIDE POWERED GENERATORS
WATER COLOR
WATER DEPTH
WATER RESOURCES
WATERWAVE ENERGY CONVERSION

OCTAHEDRAL RESEARCH SATELLITES
USE ENVIRONMENTAL RESEARCH SATELLITES

OCTAHEDRITE
USE ANATASE

OCTAHEDRONS
1902
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..POLYHEDRONS
..#OCTAHEDRONS

% OCTANE
1808 2701 3301
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ANTIKNOCK ADDITIVES
OCTANES

OCTANE NUMBER
1808 2701 3301
RT GASOLINE

OCTANES

```
  0603
  SN    (ACYCLIC HYDROCARBONS)
  GS    ORGANIC COMPOUNDS
        .HYDROCARBONS
        ..ALIPHATIC HYDROCARBONS
        ...ALKANES
        ...#OCTANES
  RT    ANTIKNOCK ADDITIVES
     %  OCTANE

OCTAVES
  0705 2301 2402
  GS    RANGE (EXTREMES)
        .FREQUENCY RANGES
        .#OCTAVES
  RT    ACOUSTICS
        MUSIC

OCTETS
  2401 2405
  GS    VALENCE
        #OCTETS
  RT    ATOMIC STRUCTURE
        CHEMICAL BONDS

OCTOATES
  1808
  GS    ESTERS
        #OCTOATES

OCTOL (EXPLOSIVE)
  3302
  GS    EXPLOSIVES
        #OCTOL (EXPLOSIVE)

OCTOPUSES
  0402
  GS    ANIMALS
        .INVERTEBRATES
        ..MOLLUSKS
        ...CEPHALOPODS
        ...#OCTOPUSES

OCULAR CIRCULATION
  0404 0408
  GS    CIRCULATION
        .BLOOD CIRCULATION
        .#OCULAR CIRCULATION

OCULOGRAVIC ILLUSIONS
  0401 0408 1309
  GS    PSYCHOLOGICAL EFFECTS
        .ILLUSIONS
        .#OCULOGRAVIC ILLUSIONS
  RT    GRAVIRECEPTORS
        OTOLITH ORGANS
        VERTICAL PERCEPTION

OCULOMETERS
  0501 1406
  GS    MEASURING INSTRUMENTS
        .OPTICAL MEASURING INSTRUMENTS
        .#OCULOMETERS
        OPTICAL EQUIPMENT
        .OPTICAL MEASURING INSTRUMENTS
        .#OCULOMETERS
  RT    EYE MOVEMENTS
     %  INSTRUMENTS
        OPTICAL TRACKING

OCULOMOTOR NERVES
  0403 0404
  GS    ANATOMY
        .NERVOUS SYSTEM
        ..NERVES
        ..#OCULOMOTOR NERVES
        .SENSE ORGANS
        ..EYE (ANATOMY)
        ..#OCULOMOTOR NERVES
  RT    VISION

ODAS
  USE   OCEAN DATA ACQUISITIONS SYSTEMS

ODD-EVEN NUCLEI
  2401 2405
  GS    PARTICLES
        .CHARGED PARTICLES
        ..ENERGETIC PARTICLES
        ...NUCLEI (NUCLEAR PHYSICS)
        ...#ODD-EVEN NUCLEI
  RT    EVEN-EVEN NUCLEI
        ODD-ODD NUCLEI

ODD-ODD NUCLEI
  2401 2405
  GS    PARTICLES
        .CHARGED PARTICLES
        ..ENERGETIC PARTICLES
        ...NUCLEI (NUCLEAR PHYSICS)
        ...#ODD-ODD NUCLEI
  RT    EVEN-EVEN NUCLEI
        NUCLEAR STRUCTURE
     %  NUCLEI
        ODD-EVEN NUCLEI

ODESSA METEORITE
  3005
  GS    CELESTIAL BODIES
        .METEORITES
        ..IRON METEORITES
        ..#ODESSA METEORITE

ODORS
  0408
  RT    AIR POLLUTION
        COMBUSTION PRODUCTS
        EXHAUST GASES
        GASES

OFF-ON CONTROL
  1002 1003 4001
  UF    BANG-BANG CONTROL
  GS    AUTOMATIC CONTROL
        #OFF-ON CONTROL
  RT %  CONTROL
        CONTROL EQUIPMENT
        CONTROL THEORY
        PROPORTIONAL CONTROL
        SERVOCONTROL
        SOLENOID VALVES

OFFGASSING
  0905
  RT    DEGASSING
        VACUUM
        VACUUM EFFECTS

OFFICE AUTOMATION
  2308
  RT %  AUTOMATION
        MAN MACHINE SYSTEMS
        WORD PROCESSING

OFFICE OF SPACE & TERRESTR APPLIC PAYLOADS
  USE   OSTA-1 PAYLOAD
        OSTA-2 PAYLOAD
        OSTA-3 PAYLOAD

OFFSHORE DOCKING
  1102 1305 1310 3404
  RT    ARTIFICIAL HARBORS
        CARGO SHIPS
        DEEPWATER TERMINALS
        MARINE TECHNOLOGY
        MARINE TRANSPORTATION
        OCEANOGRAPHY
        SHIP TERMINALS
        TANKER SHIPS
        TANKER TERMINALS
     %  TANKERS
        TERMINAL FACILITIES
        TRANSPORTATION

OFFSHORE ENERGY SOURCES
```

0403 0603 1306 1308 1808
RT CRUDE OIL
DEEPWATER TERMINALS
DRILLING
ENERGY TECHNOLOGY
MARINE TECHNOLOGY
OCEAN TEMPERATURE
OIL EXPLORATION
OIL FIELDS
SEA BREEZE
SEEPAGE

OFFSHORE PLATFORMS
1102 1305 1310 3404
RT ARTIFICIAL HARBORS
CARGO SHIPS
DEEPWATER TERMINALS
MARINE TECHNOLOGY
OCEANOGRAPHY
% PLATFORMS
TANKER SHIPS
TANKER TERMINALS
% TANKERS
TERMINAL FACILITIES
TRANSPORTATION

OFFSHORE REACTOR SITES
1305 1310 2202 2203 2204
GS SITES
#OFFSHORE REACTOR SITES
RT REACTOR DESIGN
REACTOR SAFETY
REACTOR TECHNOLOGY
REMOTE REGIONS

OFT
USE SPACE TRANSPORTATION SYSTEM FLIGHTS

OFT 1
USE SPACE TRANSPORTATION SYSTEM 1 FLIGHT

OFT 2
USE SPACE TRANSPORTATION SYSTEM 2 FLIGHT

OFT 3
USE SPACE TRANSPORTATION SYSTEM 3 FLIGHT

OFT 4
USE SPACE TRANSPORTATION SYSTEM 4 FLIGHT

OGEE SHAPE
1902 3202 3203
GS SHAPES
#OGEE SHAPE
RT VARIABLE SWEEP WINGS

OGEE WINGS
USE VARIABLE SWEEP WINGS

OGIVES
0102 1902
RT BODIES OF REVOLUTION
ELLIPSOIDS
FAIRINGS
NOSE CONES
SPHERES
STREAMLINED BODIES
SYMMETRICAL BODIES

OGO
1308 2003 2004 3107 3409
UF ORBITING GEOPHYSICAL OBSERVATORY
GS ARTIFICIAL SATELLITES
.GEOPHYSICAL SATELLITES
.#OGO
...EGO
...OGO-A
...OGO-3
...OGO-5
...POGO
....OGO-C
....OGO-4
....OGO-6
OBSERVATORIES
.GEOPHYSICAL OBSERVATORIES
.#OGO
...EGO
...OGO-A
...OGO-3
...OGO-5
...POGO
....OGO-C
....OGO-4
....OGO-6
RT GAMMA RAY OBSERVATORY

OGO-A
1308 3107 3409
UF S-49 SATELLITE
GS ARTIFICIAL SATELLITES
.GEOPHYSICAL SATELLITES
..OGO
..#OGO-A
OBSERVATORIES
.GEOPHYSICAL OBSERVATORIES
..OGO
..#OGO-A
RT ATLAS AGENA LAUNCH VEHICLES

OGO-B
USE OGO-3

OGO-C
1308 2003 3107 3409
UF S-50 SATELLITE
GS ARTIFICIAL SATELLITES
.GEOPHYSICAL SATELLITES
..OGO
...POGO
...#OGO-C
OBSERVATORIES
.GEOPHYSICAL OBSERVATORIES
..OGO
...POGO
...#OGO-C

OGO-D
USE OGO-4

OGO-E
USE OGO-5

OGO-F
USE OGO-6

OGO-3
1308 2003 3107 3409
UF OGO-B
GS ARTIFICIAL SATELLITES
.GEOPHYSICAL SATELLITES
..OGO
..#OGO-3
OBSERVATORIES
.GEOPHYSICAL OBSERVATORIES
..OGO
..#OGO-3
RT THOR AGENA LAUNCH VEHICLE

OGO-4
1308 2003 3107
UF OGO-D
GS ARTIFICIAL SATELLITES
.GEOPHYSICAL SATELLITES
..OGO
...POGO
...#OGO-4
OBSERVATORIES
.GEOPHYSICAL OBSERVATORIES
..OGO
...POGO
...#OGO-4

```
  RT   GEODESY

OGO-5
  1308 2003 3107
  UF   OGO-E
  GS   ARTIFICIAL SATELLITES
       .GEOPHYSICAL SATELLITES
       ..OGO
       ..#OGO-5
       OBSERVATORIES
       .GEOPHYSICAL OBSERVATORIES
       ..OGO
       ..#OGO-5
  RT   GEODESY

OGO-6
  3107 1308 2003 3107
  UF   OGO-F
  GS   ARTIFICIAL SATELLITES
       .GEOPHYSICAL SATELLITES
       ..OGO
       ...POGO
       ...#OGO-6
       OBSERVATORIES
       .GEOPHYSICAL OBSERVATORIES
       ..OGO
       ...POGO
       ...#OGO-6

OH-4 HELICOPTER
  0206 0207 3401
  UF   HO-4 HELICOPTER
  GS   BELL AIRCRAFT
       #OH-4 HELICOPTER
       LIGHT AIRCRAFT
       .LIGHT HELICOPTERS
       .#OH-4 HELICOPTER
       OBSERVATION AIRCRAFT
       #OH-4 HELICOPTER
       V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ...LIGHT HELICOPTERS
       ...#OH-4 HELICOPTER
       ...MILITARY HELICOPTERS
       ...#OH-4 HELICOPTER

OH-5 HELICOPTER
  0206 0207 3401
  UF   FH-1100 HELICOPTER
       HO-5 HELICOPTER
  GS   FAIRCHILD-HILLER AIRCRAFT
       #OH-5 HELICOPTER
       HILLER AIRCRAFT
       #OH-5 HELICOPTER
       LIGHT AIRCRAFT
       .LIGHT HELICOPTERS
       .#OH-5 HELICOPTER
       OBSERVATION AIRCRAFT
       #OH-5 HELICOPTER
       PASSENGER AIRCRAFT
       #OH-5 HELICOPTER
       V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ...LIGHT HELICOPTERS
       ...#OH-5 HELICOPTER
       ...MILITARY HELICOPTERS
       ...#OH-5 HELICOPTER
  RT   RIGID ROTOR HELICOPTERS

OH-6 HELICOPTER
  0206 0207 3401
  UF   HO-6 HELICOPTER
       LOH HELICOPTER
  GS   HUGHES AIRCRAFT
       #OH-6 HELICOPTER
       LIGHT AIRCRAFT
       .LIGHT HELICOPTERS
       .#OH-6 HELICOPTER
       OBSERVATION AIRCRAFT
       #OH-6 HELICOPTER
       V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ...LIGHT HELICOPTERS
       ...#OH-6 HELICOPTER
       ...MILITARY HELICOPTERS
       ...#OH-6 HELICOPTER

OH-13 HELICOPTER
  0206 0207 3401
  UF   H-13 HELICOPTER
       SIOUX HELICOPTER
       UH-13 HELICOPTER
  GS   BELL AIRCRAFT
       #OH-13 HELICOPTER
       LIGHT AIRCRAFT
       #OH-13 HELICOPTER
       UTILITY AIRCRAFT
       #OH-13 HELICOPTER
       V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ...MILITARY HELICOPTERS
       ...#OH-13 HELICOPTER

OH-23 HELICOPTER
  0206 0207 3401
  UF   H-23 HELICOPTER
       RAVEN HELICOPTER
       UH-12 HELICOPTER
  GS   FAIRCHILD-HILLER AIRCRAFT
       #OH-23 HELICOPTER
       LIGHT AIRCRAFT
       #OH-23 HELICOPTER
       UTILITY AIRCRAFT
       #OH-23 HELICOPTER
       V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ...MILITARY HELICOPTERS
       ...#OH-23 HELICOPTER

OH-58 HELICOPTER
  0206 0207
  GS   LIGHT AIRCRAFT
       .LIGHT HELICOPTERS
       .#OH-58 HELICOPTER
       V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ...LIGHT HELICOPTERS
       ...#OH-58 HELICOPTER
       ...MILITARY HELICOPTERS
       ...#OH-58 HELICOPTER

OHIO
  1305
  GS   NATIONS
       .UNITED STATES
       .#OHIO
  RT   OHIO RIVER (US)
       WABASH RIVER BASIN (IL-IN-OH)

OHIO RIVER (US)
  1305
  GS   RIVERS
       #OHIO RIVER (US)
  RT   ILLINOIS
       INDIANA
       KENTUCKY
       OHIO
       PENNSYLVANIA
       WEST VIRGINIA

OHMIC DISSIPATION
  1002 2304 2502
  UF   JOULE HEATING
  GS   DISSIPATION
       #OHMIC DISSIPATION
  RT   JOULE-THOMSON EFFECT
       LEVITATION MELTING
       LOSSES
```

OHMMETERS
0905 1406 2304
GS MEASURING INSTRUMENTS
#OHMMETERS
RT ELECTRICAL CONDUCTIVITY METERS
ELECTRICAL IMPEDANCE
ELECTRICAL MEASUREMENT
ELECTRICAL RESISTANCE
RESISTANCE THERMOMETERS
TRANSCONDUCTANCE
WHEATSTONE BRIDGES

OHMS LAW
1001 2302 2304 3408
GS CIRCUITS
#OHMS LAW
LAWS
#OHMS LAW
RT % CONDUCTIVITY
ELECTRIC CURRENT
ELECTRICAL RESISTANCE
ELECTRICITY
ELECTROMOTIVE FORCES
TRANSCONDUCTANCE
VOLT-AMPERE CHARACTERISTICS

OHZORA SATELLITE
USE EXOS-C SATELLITE

OIL ADDITIVES
0603 1808
GS ADDITIVES
#OIL ADDITIVES

OIL EXPLORATION
1306 1308
GS EXPLORATION
#OIL EXPLORATION
RT CRUDE OIL
DRILLING
ENERGY POLICY
GEOLOGY
NATURAL GAS EXPLORATION
OFFSHORE ENERGY SOURCES
TAR SANDS
UNDERWATER RESOURCES

OIL FIELDS
1305 1306 1308
GS RESOURCES
.EARTH RESOURCES
.#OIL FIELDS
RT CRUDE OIL
DRILLING
METHANE
NATURAL GAS
OFFSHORE ENERGY SOURCES
OILS
TAR SANDS

OIL POLLUTION
0411 0504
GS POLLUTION
.ENVIRONMENT POLLUTION
..WATER POLLUTION
..#OIL POLLUTION
RT COASTAL ECOLOGY
WETLANDS

OIL RECOVERY
1503 1504
RT ENERGY TECHNOLOGY
RECLAMATION
% RECOVERY
REUSE

OIL SLICKS
1503
UF SLICKS
RT DUMPING
ENVIRONMENT POLLUTION
OCEANOGRAPHY
POLLUTION
SPILLING
WATER POLLUTION

OILS
0403 1503 1803 1805 1806 1808
GS #OILS
.CASTOR OIL
.CRUDE OIL
.FUEL OILS
.LUBRICATING OILS
.MINERAL OILS
.SHALE OIL
RT ENERGY POLICY
FATS
FUELS
GREASES
HYDRAULIC FLUIDS
KEROGEN
LIPID METABOLISM
LUBRICANTS
OIL FIELDS
PETROLEUM PRODUCTS
PITCH (MATERIAL)
RETORT PROCESSING
TAR SANDS

OKAZAKI-LEVY-RUDENKO COMET
1901 3001
GS CELESTIAL BODIES
.COMETS
.#OKAZAKI-LEVY-RUDENKO COMET

OKHANSK METEORITE
3005
GS CELESTIAL BODIES
.METEORITES
..STONY METEORITES
...CHONDRITES
...#OKHANSK METEORITE
RT IRON METEORITES

OKLAHOMA
1305
GS NATIONS
.UNITED STATES
.#OKLAHOMA
RT LAKE TEXOMA (OK-TX)

OLEFINS
USE ALKENES

OLEIC ACID
1808
GS ACIDS
.CARBOXYLIC ACIDS
..FATTY ACIDS
..#OLEIC ACID
ORGANIC COMPOUNDS
.CARBOXYLIC ACIDS
..FATTY ACIDS
..#OLEIC ACID

OLFACTORY PERCEPTION
0404 0408
UF SMELL
GS PERCEPTION
.SENSORY PERCEPTION
.#OLFACTORY PERCEPTION
RT CHEMORECEPTORS
SENSE ORGANS

OLIGOMERS
RT MONOMERS
POLYMER CHEMISTRY
POLYMERIZATION
% POLYMERS

OLIVINE
1806
GS MINERALS
#OLIVINE
..FORSTERITE

```
  RT   DUNITE
       IGNEOUS ROCKS
       MONTICELLITE
       PERIDOTITE
       REGOLITH
       ROCKS
       SOILS

OMAN
  1301
  GS   NATIONS
       #OMAN

OMCVD (VAPOR DEPOSITION)
  USE  METALORGANIC CHEMICAL VAPOR
       DEPOSITION

OME
  USE  ORBIT MANEUVERING ENGINE (SPACE
       SHUTTLE)

OMEGA NAVIGATION SYSTEM
  2103
  GS   MEASURING INSTRUMENTS
       #OMEGA NAVIGATION SYSTEM
       NAVIGATION
       #OMEGA NAVIGATION SYSTEM
  RT   AIR NAVIGATION
     % SYSTEMS

OMEGA-MESONS
  2403 2405
  GS   PARTICLES
       .ELEMENTARY PARTICLES
       ..FERMIONS
       ...BARYONS
       ...#OMEGA-MESONS
       ..HADRONS
       ...BARYONS
       ...#OMEGA-MESONS
       ...MESONS
       ...#OMEGA-MESONS
  RT   CHARGED PARTICLES
       ETA-MESONS

OMEGATRONS
  2202 2401 2403
  GS   PARTICLE ACCELERATORS
       .CYCLOTRONS
       .#OMEGATRONS

OMICRON CETI STAR
  3001
  UF   MIRA CETI STAR
  GS   CELESTIAL BODIES
       .STARS
       ..GIANT STARS
       ..#OMICRON CETI STAR
       ..LATE STARS
       ...COOL STARS
       ....MIRA VARIABLES
       ....#OMICRON CETI STAR
       ..VARIABLE STARS
       ...MIRA VARIABLES
       ...#OMICRON CETI STAR

OMNIDIRECTIONAL ANTENNAS
  0701 0705 0901
  GS   ANTENNAS
       #OMNIDIRECTIONAL ANTENNAS
       ..MONOPOLE ANTENNAS
       ...WHIP ANTENNAS
       ..TURNSTILE ANTENNAS
  RT   DIPOLE ANTENNAS
       DIRECTIONAL ANTENNAS
       MICROWAVE ANTENNAS
       RADIO ANTENNAS

OMNIDIRECTIONAL RADIO RANGES
  0702 0703 2402
  GS   NAVIGATION AIDS
       .BEACONS
       ..RADIO BEACONS
       ..#OMNIDIRECTIONAL RADIO RANGES
       ....SELF CALIBRATING OMNIRANGE
       RADIO EQUIPMENT
       .RADIO TRANSMITTERS
       ..RADIO BEACONS
       ..#OMNIDIRECTIONAL RADIO RANGES
       ....SELF CALIBRATING OMNIRANGE
       TRANSMITTERS
       .RADIO TRANSMITTERS
       ..RADIO BEACONS
       ..#OMNIDIRECTIONAL RADIO RANGES
       ....SELF CALIBRATING OMNIRANGE
  RT   DISTANCE MEASURING EQUIPMENT
       RADIO NAVIGATION
       SOLAR COMPASSES

OMNIPOL HC-3 HELICOPTER
  USE  HC-3 HELICOPTER

OMNIPOL L-29 AIRCRAFT
  USE  L-29 JET TRAINER

OMNIPOL Z-37 AIRCRAFT
  USE  Z-37 AIRCRAFT

OMNIRANGE NAVIGATION
  USE  VHF OMNIRANGE NAVIGATION

ON-LINE PROGRAMMING
  0802
  GS   COMPUTER PROGRAMMING
       #ON-LINE PROGRAMMING

ON-LINE SYSTEMS
  0801
  RT   COMPUTER PROGRAMS
       COMPUTER TECHNIQUES
       DATA MANAGEMENT
       DATA PROCESSING
       INFORMATION RETRIEVAL
       INFORMATION SYSTEMS
       INTEGRATED LIBRARY SYSTEMS
       NUMERICAL DATA BASES
     % SYSTEMS

ONBOARD COMPUTERS
  USE  AIRBORNE/SPACEBORNE COMPUTERS

ONBOARD DATA PROCESSING
  0802
  GS   DATA PROCESSING
       #ONBOARD DATA PROCESSING
  RT   AIRBORNE/SPACEBORNE COMPUTERS
     % DATA
       FLIGHT MANAGEMENT SYSTEMS
       IMAGE PROCESSING
       MICROPROCESSORS
       REAL TIME OPERATION
       SIGNAL PROCESSING

ONBOARD EQUIPMENT
  0202 0301 0507 0701 0801 0904 2104
  GS  #ONBOARD EQUIPMENT
       .AIRBORNE EQUIPMENT
       ..AIRBORNE/SPACEBORNE COMPUTERS
       ..LIGHT AIRBORNE MULTIPURPOSE
         SYSTEM
       ..TERCOM
       .AIRBORNE LASERS
       .AIRCRAFT EQUIPMENT
       ..BOMBING EQUIPMENT
       ..EJECTION SEATS
       ...FLYING EJECTION SEATS
       ..TERCOM
       .SPACECRAFT EQUIPMENT
       ..SPACECRAFT ELECTRONIC EQUIPMENT
  RT   AIRBORNE SURVEILLANCE RADAR
     % AIRCRAFT
       BUBBLE TECHNIQUE
       CREW PROCEDURES (PREFLIGHT)
     % EQUIPMENT
       FLIGHT INSTRUMENTS
```

FLIGHT OPERATIONS
FLIGHT SAFETY
HEATING EQUIPMENT
LIFE SUPPORT SYSTEMS
LIGHTING EQUIPMENT
RADAR EQUIPMENT
RADIO EQUIPMENT
SPACECRAFT INSTRUMENTS
STOWAGE (ONBOARD EQUIPMENT)
SURVIVAL EQUIPMENT
TELECOMMUNICATION
% TEST EQUIPMENT
TRAINING DEVICES

ONE DIMENSIONAL FLOW
1202 1203 1204 2502
GS FLUID FLOW
#ONE DIMENSIONAL FLOW
RT ANNULAR FLOW
AXIAL FLOW
CORE FLOW
FLOW GEOMETRY
HUGONIOT EQUATION OF STATE
THREE DIMENSIONAL FLOW
TWO DIMENSIONAL FLOW

ONE-PHASE FLOW
USE SINGLE-PHASE FLOW

ONISOTROPY
USE ANISOTROPY

ONSAGER PHENOMENOLOGICAL COEFFICIENT
1202 1902 2304 2311 3304
GS COEFFICIENTS
#ONSAGER PHENOMENOLOGICAL COEFFICIENT
RT FLUX DENSITY
PLASMAS (PHYSICS)
STATISTICAL MECHANICS
VARIATIONAL PRINCIPLES

ONSAGER RELATIONSHIP
0603 2404 3304
RT % EQUILIBRIUM
IRREVERSIBLE PROCESSES
THERMODYNAMICS

ONTARIO
1305
GS NATIONS
.CANADA
.#ONTARIO

ONTOGENESIS
USE ONTOGENY

ONTOGENY
0404 1902
UF ONTOGENESIS
RT BIOGENY
EVOLUTION (DEVELOPMENT)
GROWTH
NEUROPHYSIOLOGY

OOCYTES
USE GAMETOCYTES

OORT CLOUD
1901 3001
RT % CLOUDS
COMET NUCLEI
COMETS
NEMESIS (STAR)
SOLAR SYSTEM

OPACIFIERS
2306 2310 2402 2502
GS ADDITIVES
#OPACIFIERS
RT % AGENTS
FILLERS

OPACITY
2306 2310 2402 3408
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
.#OPACITY
RT ABSORPTANCE
ABSORPTIVITY
ACOUSTICS
ATMOSPHERIC OPTICS
ATTENUATION COEFFICIENTS
CLARITY
DENSITY (MASS/VOLUME)
ELECTROMAGNETIC ABSORPTION
HAZE
KRAMERS-KRONIG FORMULA
LIGHT (VISIBLE RADIATION)
LIGHT TRANSMISSION
REFRACTIVITY
TRANSLUCENCE
TRANSMISSION EFFICIENCY
TRANSMISSIVITY
TRANSPARENCE
TURBIDITY
UNDERWATER OPTICS
VISIBILITY

OPALESCENCE
2306 2310 3408
RT IRIDESCENCE
OPTICAL PROPERTIES

OPEN CHANNEL FLOW
1202 1204
GS FLUID FLOW
.CHANNEL FLOW
.#OPEN CHANNEL FLOW
.LIQUID FLOW
.#OPEN CHANNEL FLOW
RT CAVITY FLOW
LAMINAR FLOW
MEANDERS
PIPE FLOW
TURBULENT FLOW
WATER FLOW

OPEN CIRCUIT VOLTAGE
1002
GS POTENTIAL ENERGY
.ELECTRIC POTENTIAL
.#OPEN CIRCUIT VOLTAGE
RT BIAS
CAPACITANCE
ELECTRICAL PROPERTIES
ELECTRICAL RESISTIVITY
ELECTROMOTIVE FORCES
ENERGY CONVERSION EFFICIENCY
OVERVOLTAGE
% POTENTIAL
POWER GAIN
SHORT CIRCUIT CURRENTS
SOLAR CELLS
STATIC ELECTRICITY
VOLT-AMPERE CHARACTERISTICS

OPEN CLUSTERS
3001 3003
GS CELESTIAL BODIES
.STAR CLUSTERS
.#OPEN CLUSTERS
...PLEIADES CLUSTER
...PRAESEPE STAR CLUSTERS

OPEN PROJECT
2501 3009
UF ORIGIN OF PLASMAS IN EARTH NEIGHBORHOOD
GS PROGRAMS
.NASA PROGRAMS
..NASA SPACE PROGRAMS
..#OPEN PROJECT
.PROJECTS
.#OPEN PROJECT

.SPACE PROGRAMS
..NASA SPACE PROGRAMS
..#OPEN PROJECT
RT EARTH ATMOSPHERE
EARTH MAGNETOSPHERE
PLASMA DIAGNOSTICS
PLASMA PHYSICS
PLASMASPHERE
SATELLITE-BORNE INSTRUMENTS
SPACE PLASMAS

OPENINGS
0202 1305 1504 2806 3407
UF CUT-OUTS
GS #OPENINGS
.APERTURES
..IRISES (MECHANICAL APERTURES)
..SYNTHETIC APERTURES
.PORTS (OPENINGS)
.SLITS
RT ANNULAR DUCTS
CAVITIES
CRACKS
CURTAINS
DOORS
DUCT GEOMETRY
DUCTS
EGRESS
EXHAUST NOZZLES
EXHAUST SYSTEMS
GAPS
GATES (OPENINGS)
INGRESS (SPACECRAFT PASSAGEWAY)
INLET NOZZLES
INTAKE SYSTEMS
ORIFICES
OUTLETS
PASSAGEWAYS
PERFORATED PLATES
PIPE NOZZLES
SLOTS
VENTS
WINDOWS (APERTURES)

OPERATING COSTS
3402
GS COSTS
#OPERATING COSTS
RT AIRLINE OPERATIONS
ECONOMIC ANALYSIS
ENERGY POLICY
FUELS
MAINTENANCE
PRODUCTION COSTS
SYSTEMS ANALYSIS

OPERATING SYSTEMS (COMPUTERS)
0802
UF EXECUTIVE SYSTEMS (COMPUTERS)
GS COMPUTER PROGRAMS
.COMPUTER SYSTEMS PROGRAMS
.#OPERATING SYSTEMS (COMPUTERS)
...DISK OPERATING SYSTEM (DOS)
...UNIX (OPERATING SYSTEM)
RT ASSEMBLER ROUTINES
COMPILERS
COMPUTER INFORMATION SECURITY
COMPUTER SYSTEMS DESIGN
INPUT/OUTPUT ROUTINES
MIMD (COMPUTERS)
% ROUTINES
SIMD (COMPUTERS)
% SYSTEMS
WINDOWS (COMPUTER PROGRAMS)

OPERATING TEMPERATURE
1408 1504 3303 3501
GS TEMPERATURE
#OPERATING TEMPERATURE
RT AMBIENT TEMPERATURE
COMBUSTION TEMPERATURE
HIGH TEMPERATURE SUPERCONDUCTORS
ROOM TEMPERATURE
WALL TEMPERATURE

OPERATIONAL AMPLIFIERS
1001 1002 1201
GS AMPLIFIERS
#OPERATIONAL AMPLIFIERS
RT AMPLIFIER DESIGN
ANALOG CIRCUITS
ANALOG COMPUTERS
DIFFERENTIAL AMPLIFIERS
FEEDBACK AMPLIFIERS
LINEAR INTEGRATED CIRCUITS
TRANSISTOR AMPLIFIERS

OPERATIONAL CALCULUS
1902
RT % APPLICATIONS OF MATHEMATICS
CALCULUS
CALCULUS OF VARIATIONS
DIFFERENTIAL EQUATIONS
FOURIER ANALYSIS
INTEGRAL CALCULUS
LINEAR EQUATIONS

OPERATIONAL HAZARDS
0203 0502 1103 1505 3406
GS HAZARDS
#OPERATIONAL HAZARDS
RT AIR PIRACY
AIRCRAFT HAZARDS
CUMULATIVE DAMAGE
FLIGHT HAZARDS
METEOROID HAZARDS
NOISE (SOUND)
OCCUPATIONAL DISEASES
RADIATION HAZARDS

OPERATIONAL PROBLEMS
3406
RT AIRLINE OPERATIONS
% OPERATIONS
% PROBLEMS
SYSTEMS ENGINEERING

% OPERATIONS
0405 1902 4001
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AIR DROP OPERATIONS
AIR TRAFFIC CONTROL
AIRLINE OPERATIONS
CHEMICAL ENGINEERING
CHEMICAL REACTIONS
CLINICAL MEDICINE
DEPLOYMENT
FISHBOWL OPERATION
LOADING OPERATIONS
MECHANIZATION
MISSION PLANNING
OPERATIONAL PROBLEMS
OPERATIONS RESEARCH
ORIFICES
PREFLIGHT OPERATIONS
PREMATURE OPERATION
PRODUCTION ENGINEERING
PROGRAMS
PROJECTS
RESCUE OPERATIONS
RUNNING
SEQUENCING
STRATEGY
SURGERY
SYSTEMS ENGINEERING

OPERATIONS RESEARCH
3404 3405 3406 4001
GS OPTIMIZATION
#OPERATIONS RESEARCH
RT % APPLICATIONS OF MATHEMATICS
COMPUTER SYSTEMS SIMULATION
COMPUTERIZED SIMULATION

CONSTRAINTS
CONTROL SYSTEMS DESIGN
CRITICAL PATH METHOD
DECISION THEORY
DELPHI METHOD (FORECASTING)
DYNAMIC PROGRAMMING
EXPERIMENT DESIGN
FORECASTING
FUNCTIONS (MATHEMATICS)
GAME THEORY
INFORMATION THEORY
LAGRANGE MULTIPLIERS
LINEAR PREDICTION
LINEAR PROGRAMMING
MANAGEMENT
MANAGEMENT METHODS
MANAGEMENT PLANNING
MATHEMATICAL MODELS
MATHEMATICAL PROGRAMMING
MATRIX MANAGEMENT
MINIMA
MINIMAX TECHNIQUE
MISSION PLANNING
NONLINEAR PROGRAMMING
% OPERATIONS
% PATHS
PATTERN METHOD (FORECASTING)
PROBABILITY THEORY
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
PROJECT PLANNING
QUALITY CONTROL
QUEUEING THEORY
RAND PROJECT
RAYLEIGH DISTRIBUTION
RESEARCH AND DEVELOPMENT
RESEARCH MANAGEMENT
RISK
SADDLE POINTS (GAME THEORY)
SEQUENCING
SIMULATION
STATISTICAL ANALYSIS
STOCHASTIC PROCESSES
STRATEGY
% SYNTHESIS
SYNTHESIS (CHEMISTRY)
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
SYSTEMS MANAGEMENT
SYSTEMS SIMULATION
TRAVELING SALESMAN PROBLEM
URBAN DEVELOPMENT
WAR GAMES

OPERATOR PERFORMANCE
0502 3406
GS HUMAN PERFORMANCE
#OPERATOR PERFORMANCE
RT ASTRONAUT PERFORMANCE
COMPUTER SYSTEMS PERFORMANCE
MENTAL PERFORMANCE
% PERFORMANCE
PILOT PERFORMANCE
PSYCHOMOTOR PERFORMANCE

% OPERATORS
0502 1902
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT OPERATORS (MATHEMATICS)
OPERATORS (PERSONNEL)
REACTOR CORES

OPERATORS (MATHEMATICS)
1902
UF DIFFERENTIAL OPERATORS
FREDHOLM OPERATORS
GS #OPERATORS (MATHEMATICS)
.BERGMAN OPERATOR
.LINEAR OPERATORS
RT FUNCTIONS (MATHEMATICS)
INTEGRAL TRANSFORMATIONS
LAPLACE TRANSFORMATION
MATRIX THEORY
% OPERATORS
PERTURBATION THEORY
S MATRIX THEORY

OPERATORS (PERSONNEL)
3406
GS PERSONNEL
#OPERATORS (PERSONNEL)
..PILOTS (PERSONNEL)
...AIRCRAFT PILOTS
....TEST PILOTS
RT % OPERATORS

OPHIUCHI CLOUDS
3009
RT CLOUD PHYSICS
% CLOUDS
INTERSTELLAR GAS
INTERSTELLAR MATTER
NEBULAE

OPHTHALMODYNAMOMETRY
0404 0405
RT BLOOD PRESSURE
EYE (ANATOMY)
VISION

OPHTHALMOLOGY
0401 0404 0405 0408
GS MEDICAL SCIENCE
#OPHTHALMOLOGY
RT ELECTRONYSTAGMOGRAPHY
EYE (ANATOMY)
EYE DISEASES
EYE EXAMINATIONS
MIOSIS
VESTIBULAR NYSTAGMUS

OPIK THEORY
3001 3002 3009
RT NEBULAE
ORION CONSTELLATION
ORION NEBULA
SUPERNOVAE
% THEORIES

OPTICAL ABSORPTION
USE ELECTROMAGNETIC ABSORPTION
LIGHT TRANSMISSION

OPTICAL ACTIVITY
2302 2306 2310
RT BIOCHEMISTRY
CARBOHYDRATES
% OPTICS
ORGANIC CHEMISTRY
POLARIMETRY
POLARIZED LIGHT
STEREOCHEMISTRY

OPTICAL AMPLIFIERS
USE LIGHT AMPLIFIERS

OPTICAL BISTABILITY
2310
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
.#OPTICAL BISTABILITY
RT FOUR-WAVE MIXING
HYSTERESIS
INTEGRATED OPTICS
LIGHT TRANSMISSION
NONLINEAR OPTICS
OPTICAL DATA STORAGE MATERIALS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
OPTICAL MEMORY (DATA STORAGE)
OPTICAL SWITCHING
OPTICAL WAVEGUIDES
SWITCHING CIRCUITS

```
OPTICAL COMMUNICATION
  0702 1601 2310
  UF   LASER COMMUNICATION
       LIGHT COMMUNICATION
       OPTICAL SIGNALS
  GS   TELECOMMUNICATION
       .COMMUNICATION
       .#OPTICAL COMMUNICATION
  RT   DYE LASERS
       GROUND-AIR-GROUND COMMUNICATION
       HIGH POWER LASERS
       INTERPLANETARY COMMUNICATION
       LASERS
       LUNAR COMMUNICATION
       OPTICAL FIBERS
     % OPTICS
       SATELLITE COMMUNICATION
       SPACE COMMUNICATION
       SPACECRAFT COMMUNICATION
       TUNABLE LASERS
       VISUAL SIGNALS
       WIRELESS COMMUNICATION

OPTICAL COMPUTERS
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       .#OPTICAL COMPUTERS
  RT   COHERENT LIGHT
       COMPUTER DESIGN
       ELECTRO-OPTICS
       OPTICAL EQUIPMENT
       OPTICAL MEMORY (DATA STORAGE)

OPTICAL CONTROL
  0905 2310
  RT   AUTOMATIC CONTROL
       CASCADE CONTROL
     % CONTROL
       CONTROL EQUIPMENT
       CONTROLLERS
       ELECTRIC CONTROL
       ELECTRO-OPTICS
       ELECTRONIC CONTROL
       FEEDBACK CONTROL
       OPTICAL EQUIPMENT
       REMOTE CONTROL

OPTICAL CORRECTION PROCEDURE
  0405 2310 1712 2306
  GS   CORRECTION
       #OPTICAL CORRECTION PROCEDURE
       PROCEDURES
       #OPTICAL CORRECTION PROCEDURE
  RT   ADAPTIVE OPTICS
       ADJUSTING
       ERRORS
       INSTRUMENT ERRORS
       LENS DESIGN
     % OPTICS
       PHOTOGRAPHIC MEASUREMENT
       PHOTOGRAPHS
       POSITION ERRORS
       SEEING (ASTRONOMY)
       SELF FOCUSING

OPTICAL CORRELATORS
  1902
  GS   CORRELATORS
       #OPTICAL CORRELATORS
  RT   IMAGE CORRELATORS
       OPTICAL DATA PROCESSING

OPTICAL COUNTERMEASURES
  0901
  GS   COUNTERMEASURES
       #OPTICAL COUNTERMEASURES
  RT   AIR DEFENSE
       ANTIMISSILE DEFENSE
       DECEPTION
       ELECTRONIC COUNTERMEASURES
       MILITARY TECHNOLOGY
       MISSILE DEFENSE
       OPTICAL RADAR
     % OPTICS
       SPACE SURVEILLANCE (SPACEBORNE)

OPTICAL COUPLING
  1001 1002 1601 2310
  GS   COUPLING
       .ELECTROMAGNETIC COUPLING
       .#OPTICAL COUPLING
  RT   COUPLES
       CROSS COUPLING
       CROSS POLARIZATION
       LASER ARRAYS
       LASER MODE LOCKING
       LIGHT TRANSMISSION
       MICROWAVE COUPLING
     % OPTICS
       PHASE LOCKED SYSTEMS
       POLARIZATION (WAVES)

OPTICAL DATA PROCESSING
  0802 2306 2310 2402
  GS   DATA PROCESSING
       #OPTICAL DATA PROCESSING
       ..SCENE ANALYSIS
  RT   CHARACTER RECOGNITION
     % DATA
       DATA ACQUISITION
       DATA PROCESSING EQUIPMENT
       GRAY SCALE
       IMAGE CLASSIFICATION
       IMAGE PROCESSING
       LASERS
       LIGHT VALVES
       OPTICAL CORRELATORS
       OPTICAL DISKS
       OPTICAL RELAY SYSTEMS
     % OPTICS
       PHOTONICS
     % PROCESSING
       READERS
       SCANNERS
       TOMOGRAPHY

OPTICAL DATA STORAGE MATERIALS
  0801
  RT % DATA
       DATA RECORDING
       DATA STORAGE
       LASER APPLICATIONS
       OPTICAL BISTABILITY
       OPTICAL MEMORY (DATA STORAGE)
     % OPTICS
       PHOTOGRAPHIC FILM
       VIDEO DISKS

OPTICAL DENSITY
  0601 1407 1411 2310 2306
  RT % DENSITY
       MICRODENSITOMETERS
     % OPTICS
       TRANSLUCENCE
       TRANSMITTANCE
       TRANSPARENCE
       TURBIDITY
       UNDERWATER OPTICS

OPTICAL DEPOLARIZATION
  0710 2306
  RT   LIGHT (VISIBLE RADIATION)
     % OPTICS
       POLARIZED LIGHT

OPTICAL DEPTH
  USE  OPTICAL THICKNESS

OPTICAL DISKS
  0801 9001
  UF   COMPACT DISK READ-ONLY MEMORY
       DEVICES
  GS   COMPUTER STORAGE DEVICES
```

#OPTICAL DISKS
RT CD-ROM
DATA STORAGE
LASER APPLICATIONS
OPTICAL DATA PROCESSING
OPTICAL EQUIPMENT
OPTICAL MEMORY (DATA STORAGE)
VIDEO DISKS

OPTICAL EMISSION
USE LIGHT EMISSION

OPTICAL EMISSION SPECTROSCOPY
2306 2310 2402
GS SPECTROSCOPY
#OPTICAL EMISSION SPECTROSCOPY
..LASER SPECTROSCOPY
RT AURORAL SPECTROSCOPY
ELECTRON SPECTROSCOPY
EMISSION SPECTRA
LIGHT (VISIBLE RADIATION)
% OPTICS

OPTICAL EQUIPMENT
0501 1412 2310
GS #OPTICAL EQUIPMENT
.BINOCULARS
.CAMERAS
..BAKER-NUNN CAMERA
..BALLISTIC CAMERAS
..DELFT CAMERA
..DIFFRACTION LIMITED CAMERAS
..FAINT OBJECT CAMERA
..HIGH SPEED CAMERAS
...FRAMING CAMERAS
..I2S CAMERAS
..LALLEMAND CAMERAS
..MULTISPECTRAL BAND CAMERAS
..PANORAMIC CAMERAS
..PINHOLE CAMERAS
..SCHMIDT CAMERAS
..STREAK CAMERAS
..TELEVISION CAMERAS
.COLLIMATORS
.ENDOSCOPES
.EYEPIECES
.HELIOMETERS
..PYROHELIOMETERS
.IMAGE CONVERTERS
..CELESCOPES
..IMAGE TUBES
...THERMICONS
.LASER DOPPLER VELOCIMETERS
.OPTICAL GYROSCOPES
.OPTICAL MEASURING INSTRUMENTS
..CATHETOMETERS
..DIFFRACTOMETERS
..EBERT SPECTROMETERS
..ELLIPSOMETERS
..ETALONS
..GEODIMETERS
..HAPLOSCOPES
..INFRARED SPECTROMETERS
...FILTER WHEEL INFRARED SPECTROMETERS
..LIGHT SCATTERING METERS
..MICRODENSITOMETERS
..NEPHELOMETERS
..OCULOMETERS
..OPTICAL PYROMETERS
..OPTICAL RANGE FINDERS
...LASER RANGE FINDERS
..PHOTOGONIOMETERS
..PHOTOMETERS
...ELECTROPHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
....TOTAL OZONE MAPPING SPECTROMETER
...ULTRAVIOLET SPECTROPHOTOMETERS
..POLARIMETERS
..REFLECTOMETERS
...MICROWAVE REFLECTOMETERS
..REFRACTOMETERS
..SEXTANTS
..SPECTROPHOTOMETERS
...INFRARED SPECTROPHOTOMETERS
...ULTRAVIOLET SPECTROPHOTOMETERS
..TRANSITS
...THEODOLITES
....CINETHEODOLITES
..TRANSMISSOMETERS
.OPTICAL MICROSCOPES
.OPTICAL SCANNERS
..FLYING SPOT SCANNERS
..MULTISPECTRAL BAND SCANNERS
...THEMATIC MAPPERS (LANDSAT)
.PERISCOPES
.PHOTOGRAPHIC RECTIFIERS
.POLARISCOPES
..SENARMONT POLARISCOPES
.PRISMS
..PRISMATIC BARS
.SCATTER PLATES (OPTICS)
.SPECTROHELIOGRAPHS
.STROBOSCOPES
.WIDE ANGLE LENSES
RT ABSORPTION SPECTROSCOPY
ACOUSTIC MICROSCOPES
CIRCUMSOLAR TELESCOPES
DENSITOMETERS
FABRY-PEROT SPECTROMETERS
GEOMETRICAL OPTICS
HORIZON SCANNERS
INFRARED INTERFEROMETERS
INFRARED SCANNERS
INTERFEROMETERS
LENSES
LOOK ANGLES (ELECTRONICS)
MACH-ZEHNDER INTERFEROMETERS
MICROCHANNELS
MICROSCOPES
MIRRORS
MONOCHROMATORS
OPTICAL BISTABILITY
OPTICAL COMPUTERS
OPTICAL CONTROL
OPTICAL DISKS
% OPTICS
OPTOGALVANIC SPECTROSCOPY
PHOTOGRAPHIC EQUIPMENT
RADIO TELESCOPES
REFLECTING TELESCOPES
REFRACTING TELESCOPES
RETICLES
SCANNER PROJECT
SCANNERS
SPECTROMETERS
TELESCOPES
TRIPODS
VIDEO EQUIPMENT

OPTICAL FIBERS
0702 2310
GS FIBERS
#OPTICAL FIBERS
..SCINTILLATING FIBERS
WAVEGUIDES
.OPTICAL WAVEGUIDES
.#OPTICAL FIBERS
RT COMMUNICATION CABLES
FIBER OPTICS
FLY BY LIGHT CONTROL
GLASS FIBERS
OPTICAL COMMUNICATION
OPTICAL MATERIALS
TRANSMISSION LINES

OPTICAL FILTERS
0501 1601 2306 2310 1412
GS ELECTROMAGNETIC WAVE FILTERS
#OPTICAL FILTERS
..BIREFRINGENT FILTERS
..INFRARED FILTERS
..ULTRAVIOLET FILTERS
RT ADAPTIVE FILTERS

BANDPASS FILTERS
BANDSTOP FILTERS
DIAPHRAGMS (MECHANICS)
DIDYMIUM
ELECTRIC FILTERS
FILTERGRAMS
% FILTERS
% GRATINGS
GRATINGS (SPECTRA)
HIGH PASS FILTERS
LENSES
LOW PASS FILTERS
OPTICAL RELAY SYSTEMS
% OPTICS
PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHIC FILM
ROWLAND CIRCLES
SUNGLASSES
TRANSMISSION

OPTICAL FLOW (IMAGE ANALYSIS)
2310
RT COMPUTER VISION
IMAGE ANALYSIS
IMAGE PROCESSING
% OPTICS
SCENE ANALYSIS
THREE DIMENSIONAL MOTION

OPTICAL GENERATORS
USE LASER CAVITIES

OPTICAL GYROSCOPES
1403 2103 2310
GS GYROSCOPES
#OPTICAL GYROSCOPES
OPTICAL EQUIPMENT
#OPTICAL GYROSCOPES
RT LASER GYROSCOPES
% OPTICS
SAGNAC EFFECT

OPTICAL HETERODYNING
0905 2309 2310 2402
GS HETERODYNING
#OPTICAL HETERODYNING
RT DOPPLER EFFECT
LIGHT MODULATION
% OPTICS

OPTICAL ILLUSION
0408 0410 2310
GS PSYCHOLOGICAL EFFECTS
.ILLUSIONS
.#OPTICAL ILLUSION
...ELEVATOR ILLUSION
RT MOON ILLUSION
% OPTICS

OPTICAL IMAGES
USE IMAGES

OPTICAL MASER MODULATION
USE LIGHT MODULATION

OPTICAL MASERS
USE LASERS

OPTICAL MATERIALS
2310
RT GLASS
INFRARED WINDOWS
LENSES
% MATERIALS
MIRRORS
OPTICAL FIBERS
WINDOWS (APERTURES)

OPTICAL MEASUREMENT
0501 1406 1412 2310 1407 1411 3501
SN (MEASUREMENTS OF OPTICAL PROPERTIES, QUANTITIES OR CONDITIONS)
GS #OPTICAL MEASUREMENT
.COLORIMETRY
.OPTOMETRY
.PHOTOMETRY
..ASTRONOMICAL PHOTOMETRY
...STELLAR SPECTROPHOTOMETRY
..ELECTROPHOTOMETRY
..INFRARED PHOTOMETRY
..SPECTROPHOTOMETRY
...STELLAR SPECTROPHOTOMETRY
..TELEPHOTOMETRY
..ULTRAVIOLET PHOTOMETRY
..VISUAL PHOTOMETRY
.POLARIMETRY
..ASTRONOMICAL POLARIMETRY
RT CHEMICAL ANALYSIS
COLLIMATORS
DENSITOMETERS
DIFFRACTOMETERS
ELECTRO-OPTICAL PHOTOGRAPHY
ELLIPSOMETRY
EMISSIVITY
ETALONS
FARADAY EFFECT
GAMMA RAY SPECTROMETERS
GEODIMETERS
GEOMETRICAL OPTICS
GRAZING INCIDENCE
IN SITU MEASUREMENT
INFRARED INTERFEROMETERS
INTERFEROMETERS
LIGHT (VISIBLE RADIATION)
% MEASUREMENT
MICRODENSITOMETERS
MODULATION TRANSFER FUNCTION
NEPHELOMETERS
NONINTRUSIVE MEASUREMENT
% OPTICS
PHASE CONTRAST
PHOTOGRAPHIC MEASUREMENT
PHOTOMETERS
POLARIMETERS
RAY TRACING
REFLECTANCE
REFLECTOMETERS
REFRACTOMETERS
RONCHI TEST
SPECTRAL SIGNATURES
SPECTROMETERS
SPECTROPHOTOMETERS
STROBOSCOPES

OPTICAL MEASURING INSTRUMENTS
0501 1404 1406 1407 1412 2310 3501
SN (INSTRUMENTS UTILIZING OPTICAL PRINCIPLES FOR MEASUREMENT)
UF OPTICAL SENSORS
GS MEASURING INSTRUMENTS
#OPTICAL MEASURING INSTRUMENTS
..CATHETOMETERS
..DIFFRACTOMETERS
..EBERT SPECTROMETERS
..ELLIPSOMETERS
..ETALONS
..GEODIMETERS
..HAPLOSCOPES
..INFRARED SPECTROMETERS
...FILTER WHEEL INFRARED SPECTROMETERS
..LIGHT SCATTERING METERS
..MICRODENSITOMETERS
..NEPHELOMETERS
..OCULOMETERS
..OPTICAL PYROMETERS
..OPTICAL RANGE FINDERS
...LASER RANGE FINDERS
..PHOTOGONIOMETERS
..PHOTOMETERS
...ELECTROPHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
....TOTAL OZONE MAPPING SPECTROMETER

...ULTRAVIOLET SPECTROPHOTOMETERS
..POLARIMETERS
..REFLECTOMETERS
...MICROWAVE REFLECTOMETERS
..REFRACTOMETERS
..SEXTANTS
..SPECTROPHOTOMETERS
...INFRARED SPECTROPHOTOMETERS
...ULTRAVIOLET SPECTROPHOTOMETERS
..TRANSITS
...THEODOLITES
....CINETHEODOLITES
..TRANSMISSOMETERS
OPTICAL EQUIPMENT
#OPTICAL MEASURING INSTRUMENTS
..CATHETOMETERS
..DIFFRACTOMETERS
..EBERT SPECTROMETERS
..ELLIPSOMETERS
..ETALONS
..GEODIMETERS
..HAPLOSCOPES
..INFRARED SPECTROMETERS
...FILTER WHEEL INFRARED
SPECTROMETERS
..LIGHT SCATTERING METERS
..MICRODENSITOMETERS
..NEPHELOMETERS
..OCULOMETERS
..OPTICAL PYROMETERS
..OPTICAL RANGE FINDERS
...LASER RANGE FINDERS
..PHOTOGONIOMETERS
..PHOTOMETERS
...ELECTROPHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
....TOTAL OZONE MAPPING
SPECTROMETER
...ULTRAVIOLET SPECTROPHOTOMETERS
..POLARIMETERS
..REFLECTOMETERS
...MICROWAVE REFLECTOMETERS
..REFRACTOMETERS
..SEXTANTS
..SPECTROPHOTOMETERS
...INFRARED SPECTROPHOTOMETERS
...ULTRAVIOLET SPECTROPHOTOMETERS
..TRANSITS
...THEODOLITES
....CINETHEODOLITES
..TRANSMISSOMETERS
RT ABSORPTION SPECTROSCOPY
CINESPECTROGRAPHS
COLORIMETRY
DENSITOMETERS
FABRY-PEROT SPECTROMETERS
FAINT OBJECT CAMERA
GONIOMETERS
GUIDANCE SENSORS
INFRARED INTERFEROMETERS
INTERFEROMETERS
LASER DOPPLER VELOCIMETERS
MACH-ZEHNDER INTERFEROMETERS
MICROSCOPES
MIROS SYSTEM
MONOCHROMATORS
MULTISPECTRAL TRACKING TELESCOPES
OPTICAL BISTABILITY
% OPTICS
OPTOGALVANIC SPECTROSCOPY
PERISCOPES
POLARIMETRY
POLARISCOPES
RADIATION MEASURING INSTRUMENTS
REFLECTING TELESCOPES
REFRACTING TELESCOPES
SELF FOCUSING
SENARMONT POLARISCOPES
SOLAR INSTRUMENTS
TELEPHOTOMETRY
TELESCOPES

OPTICAL MEMORY (DATA STORAGE)
0802 0803 1407
RT CD-ROM
COHERENT LIGHT
COMPUTER STORAGE DEVICES
% DATA
HOLOGRAPHY
LASERS
OPTICAL BISTABILITY
OPTICAL COMPUTERS
OPTICAL DATA STORAGE MATERIALS
OPTICAL DISKS
% OPTICS
VIDEO DISKS

OPTICAL METHODS
USE OPTICS

OPTICAL MICROSCOPES
0501 2306 2310
GS MICROSCOPES
#OPTICAL MICROSCOPES
OPTICAL EQUIPMENT
#OPTICAL MICROSCOPES
RT ELECTRON MICROSCOPES
% OPTICS

OPTICAL MODULATION
USE LIGHT MODULATION

OPTICAL PATHS
1601 2306 2310
RT DIFFRACTION PATHS
GEOMETRICAL OPTICS
MULTIPATH TRANSMISSION
% OPTICS
% PATHS
PHASE CONTRAST
PHOTON BEAMS
SAGNAC EFFECT
UNDERWATER OPTICS
VOIGT EFFECT
WAVE DISPERSION

OPTICAL POLARIZATION
0710 2306 2310 2402
RT CIRCULAR POLARIZATION
LINEAR POLARIZATION
OPTICAL PROPERTIES
% OPTICS
% POLARIZATION
POLARIZED LIGHT
POLARIZERS
POLAROGRAPHY

OPTICAL PROPERTIES
2306 2310 2402
SN (INCLUDES PROPERTIES AND EFFECTS
OF VISIBLE, INFRARED AND
ULTRAVIOLET ELECTROMAGNETIC WAVES)
GS ELECTROMAGNETIC PROPERTIES
#OPTICAL PROPERTIES
..ABSORPTANCE
..ABSORPTIVITY
..BIREFRINGENCE
...KERR ELECTROOPTICAL EFFECT
..BRIGHTNESS
..BRIGHTNESS DISTRIBUTION
..COLOR
...IRIDESCENCE
...WATER COLOR
..DICHROISM
..LUMINOSITY
...STELLAR LUMINOSITY
..OPACITY
..OPTICAL BISTABILITY
..OPTICAL REFLECTION
..PHOSPHORESCENCE
..PHOTOCONDUCTIVITY
..PHOTOVISCOELASTICITY
..RADIANCE
..REFLECTANCE
...BIDIRECTIONAL REFLECTANCE

...SPECTRAL REFLECTANCE
..REFRACTIVITY
..SKY BRIGHTNESS
..STIGMATISM
..TRANSLUCENCE
..TRANSMISSIVITY
..TRANSMITTANCE
..TRANSPARENCE
..TURBIDITY
RT ACOUSTO-OPTICS
ALBEDO
BIREFRINGENT FILTERS
CLARITY
COEFFICIENTS
COHERENT RADIATION
CROSS POLARIZATION
DARKNESS
DIFFRACTION
ELECTRICAL PROPERTIES
ELECTROMAGNETIC ABSORPTION
EMITTANCE
EXCITONS
FARADAY EFFECT
GEOMETRICAL OPTICS
GLARE
GLASS
GRADIENT INDEX OPTICS
HAZE
INFRARED ABSORPTION
ISOTROPY
KERR MAGNETOOPTICAL EFFECT
LIGHT (VISIBLE RADIATION)
LIGHT TRANSMISSION
LUMENS
LUMINANCE
LUNAR ALBEDO
METALLIC GLASSES
OPALESCENCE
OPTICAL POLARIZATION
% OPTICS
% ORIENTATION
PHOTOELECTRICITY
PHOTONS
PHOTOTROPISM
PHYSICAL OPTICS
% PHYSICAL PROPERTIES
POLARIZATION (WAVES)
% PROPERTIES
% SOLID STATE PHYSICS
SURFACE PROPERTIES
THERMOCHROMATIC MATERIALS
THERMODYNAMIC PROPERTIES
VISIBILITY
WAVE DISPERSION

OPTICAL PUMPING
1601 2310
GS #OPTICAL PUMPING
.LASER PUMPING
RT ELECTRON PUMPING
ELECTRON-HOLE DROPS
EXCIMER LASERS
GAMMA RAY LASERS
GLASS LASERS
HCN LASERS
KRYPTON FLUORIDE LASERS
LASER PROPULSION
LASERS
MASER PUMPING
METAL VAPOR LASERS
NEODYMIUM LASERS
NUCLEAR PUMPED LASERS
NUCLEAR PUMPING
% OPTICS
PULSE REPETITION RATE
% PUMPING
RARE GAS-HALIDE LASERS
SOLAR-PUMPED LASERS
STIMULATED EMISSION
STIMULATED EMISSION DEVICES

OPTICAL PYROMETERS
1408 2310 3501
GS MEASURING INSTRUMENTS
.OPTICAL MEASURING INSTRUMENTS
.#OPTICAL PYROMETERS
.TEMPERATURE MEASURING INSTRUMENTS
.#OPTICAL PYROMETERS
OPTICAL EQUIPMENT
.OPTICAL MEASURING INSTRUMENTS
.#OPTICAL PYROMETERS
RT % OPTICS
RADIATION PYROMETERS

OPTICAL RADAR
0705 1601 2310
UF LASER RADAR
LIDAR
GS RADAR
#OPTICAL RADAR
..DIFFERENTIAL ABSORPTION LIDAR
RT LASER ALTIMETERS
LASER APPLICATIONS
OPTICAL COUNTERMEASURES
% OPTICS
OVER-THE-HORIZON RADAR
RADAR DETECTION

OPTICAL RANGE FINDERS
0705 2104 2310 1601
GS MEASURING INSTRUMENTS
.DISTANCE MEASURING EQUIPMENT
..RANGE FINDERS
..#OPTICAL RANGE FINDERS
....LASER RANGE FINDERS
.OPTICAL MEASURING INSTRUMENTS
.#OPTICAL RANGE FINDERS
...LASER RANGE FINDERS
OPTICAL EQUIPMENT
.OPTICAL MEASURING INSTRUMENTS
.#OPTICAL RANGE FINDERS
...LASER RANGE FINDERS
RT LUNAR RANGEFINDING
% OPTICS

OPTICAL REFLECTION
2306 2310 2402
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
.#OPTICAL REFLECTION
REFLECTION
#OPTICAL REFLECTION
RT ANTIREFLECTION COATINGS
ELECTROMAGNETIC ABSORPTION
GEOMETRICAL OPTICS
INCIDENT RADIATION
INFRARED REFLECTION
LIGHT TRANSMISSION
% OPTICS
REFLECTANCE
REFLECTED WAVES
SPREAD REFLECTION

OPTICAL RELAY SYSTEMS
0501
RT ELECTRO-OPTICS
IMAGING TECHNIQUES
LASER APPLICATIONS
OPTICAL DATA PROCESSING
OPTICAL FILTERS
OPTICAL RESONATORS
OPTICAL SWITCHING
% OPTICS
PATTERN RECOGNITION
% SYSTEMS

OPTICAL RESONANCE
2306 2310 2502 1601
GS EMISSION
.LIGHT EMISSION
..LUMINESCENCE
..#OPTICAL RESONANCE
RESONANCE
#OPTICAL RESONANCE
RT NUCLEAR PUMPED LASERS

```
      % OPTICS
        PLASMA RADIATION
        PLASMA SPECTRA
        RESONANCE LINES
        SPECTRUM ANALYSIS

OPTICAL RESONATORS
  0705 2306
  GS    RESONATORS
        #OPTICAL RESONATORS
  RT    FIELD MODE THEORY
        LASER MODES
        LASER OUTPUTS
        LASERS
        LIGHT MODULATION
        MIRRORS
        OPTICAL RELAY SYSTEMS
      % OPTICS

OPTICAL SATELLITE TRACKING PROGRAM
  0709 2310 3409
  RT % OPTICS
        SATELLITE TRACKING

OPTICAL SCANNERS
  2306 2310 2402
  GS    OPTICAL EQUIPMENT
        #OPTICAL SCANNERS
        ..FLYING SPOT SCANNERS
        ..MULTISPECTRAL BAND SCANNERS
        ...THEMATIC MAPPERS (LANDSAT)
        SCANNERS
        #OPTICAL SCANNERS
        ..FLYING SPOT SCANNERS
        ..MULTISPECTRAL BAND SCANNERS
        ...THEMATIC MAPPERS (LANDSAT)
  RT    CHARACTER RECOGNITION
        DATA ACQUISITION
        MONITORS
      % OPTICS
        PHOTON BEAMS
        READERS
        TELEVISION CAMERAS

OPTICAL SENSORS
  USE   OPTICAL MEASURING INSTRUMENTS

OPTICAL SIGNALS
  USE   OPTICAL COMMUNICATION

OPTICAL SLANT RANGE
  2310 0709 1109
  GS    DISTANCE
        #OPTICAL SLANT RANGE
  RT % OPTICS
        RADAR RANGE

OPTICAL SPECTRUM
  USE   LIGHT (VISIBLE RADIATION)
        SPECTRA

OPTICAL SWITCHING
  2304 2306 2310 2402
  UF    ELECTRO-OPTICAL SWITCHING
        OPTOELECTRONIC SWITCHING
        PHOTONIC SWITCHING
  GS    SWITCHING
        #OPTICAL SWITCHING
  RT    ACOUSTO-OPTICS
        ELECTRO-OPTICS
        INTEGRATED OPTICS
        LIGHT MODULATION
        MAGNETO-OPTICS
        OPTICAL BISTABILITY
        OPTICAL RELAY SYSTEMS
        OPTOELECTRONIC DEVICES
        PHOTONICS
        SEMICONDUCTOR LASERS
        SWITCHING CIRCUITS

OPTICAL THICKNESS
  1202 1203 1411 2306 2310 3009
  UF    OPTICAL DEPTH
  RT    ANTIREFLECTION COATINGS
        FERMAT PRINCIPLE
      % OPTICS
        REFRACTIVITY
        THICKNESS

OPTICAL TRACKING
  0709 1109 2310
  UF    VISUAL TRACKING
  GS    TRACKING (POSITION)
        #OPTICAL TRACKING
  RT    BALLISTIC CAMERAS
        BORESIGHT ERROR
        BORESIGHTS
        COMPENSATORY TRACKING
        GLOBAL TRACKING NETWORK
        INFRARED TRACKING
        MINITRACK SYSTEM
        MULTIPLE TARGET TRACKING
        MULTISPECTRAL TRACKING TELESCOPES
        OCULOMETERS
      % OPTICS
        PHOTOGRAPHIC TRACKING
        RANGE AND RANGE RATE TRACKING
        SPACE DETECTION AND TRACKING SYSTEM
        SPACECRAFT TRACKING
        STDN (NETWORK)

OPTICAL TRANSFER FUNCTION
  0710 1003 1412 1902 2310
  UF    OTF
  GS    FUNCTIONS (MATHEMATICS)
        .TRANSFER FUNCTIONS
        .#OPTICAL TRANSFER FUNCTION
  RT    ADAPTIVE OPTICS
        COST ANALYSIS
        FIGURE OF MERIT
        IMAGING TECHNIQUES
        MODULATION TRANSFER FUNCTION
      % OPTICS
      % PERFORMANCE
        SPACEBORNE TELESCOPES
        SYSTEM EFFECTIVENESS
        SYSTEMS ANALYSIS
        SYSTEMS ENGINEERING
        TELESCOPES

OPTICAL TRANSITION
  2306 2310
  RT    ELECTRON TRANSITIONS
        EMISSION SPECTRA
        FRANCK-CONDON PRINCIPLE
        LASING
        LUMINESCENCE
      % OPTICS

OPTICAL WAVEGUIDES
  0601 0712
  GS    WAVEGUIDES
        #OPTICAL WAVEGUIDES
        ..OPTICAL FIBERS
  RT    INTEGRATED OPTICS
        LASER OUTPUTS
        LIGHT BEAMS
        LIGHT TRANSMISSION
        OPTICAL BISTABILITY
      % OPTICS
        PHOTONICS
        WAVEGUIDE LASERS

% OPTICS
  2310
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  UF    OPTICAL METHODS
  RT    ACOUSTO-OPTICS
        ADAPTIVE OPTICS
        ANGULAR RESOLUTION
        ASPHERICITY
        ASTIGMATISM
        ATMOSPHERIC OPTICS
```

CASSEGRAIN OPTICS
CAUSTICS (OPTICS)
CRYSTAL OPTICS
DEFOCUSING
DIFFRACTION PATTERNS
DIFFRACTION PROPAGATION
ELECTRO-OPTICAL EFFECT
ELECTRO-OPTICAL PHOTOGRAPHY
ELECTRO-OPTICS
ELECTRON OPTICS
FIBER OPTICS
FOCI
FRESNEL LENSES
GEOMETRICAL OPTICS
GRADIENT INDEX OPTICS
HUYGENS PRINCIPLE
IMAGES
IMAGING TECHNIQUES
INTEGRATED OPTICS
LASER CAVITIES
LASERS
LENS DESIGN
LENSES
LIGHT (VISIBLE RADIATION)
LIGHT AMPLIFIERS
LIGHT EMISSION
LIGHT MODULATION
MAGNETO-OPTICS
MIRRORS
NONLINEAR OPTICS
OPTICAL ACTIVITY
OPTICAL COMMUNICATION
OPTICAL CORRECTION PROCEDURE
OPTICAL COUNTERMEASURES
OPTICAL COUPLING
OPTICAL DATA PROCESSING
OPTICAL DATA STORAGE MATERIALS
OPTICAL DENSITY
OPTICAL DEPOLARIZATION
OPTICAL EMISSION SPECTROSCOPY
OPTICAL EQUIPMENT
OPTICAL FILTERS
OPTICAL FLOW (IMAGE ANALYSIS)
OPTICAL GYROSCOPES
OPTICAL HETERODYNING
OPTICAL ILLUSION
OPTICAL MEASUREMENT
OPTICAL MEASURING INSTRUMENTS
OPTICAL MEMORY (DATA STORAGE)
OPTICAL MICROSCOPES
OPTICAL PATHS
OPTICAL POLARIZATION
OPTICAL PROPERTIES
OPTICAL PUMPING
OPTICAL PYROMETERS
OPTICAL RADAR
OPTICAL RANGE FINDERS
OPTICAL REFLECTION
OPTICAL RELAY SYSTEMS
OPTICAL RESONANCE
OPTICAL RESONATORS
OPTICAL SATELLITE TRACKING PROGRAM
OPTICAL SCANNERS
OPTICAL SLANT RANGE
OPTICAL THICKNESS
OPTICAL TRACKING
OPTICAL TRANSFER FUNCTION
OPTICAL TRANSITION
OPTICAL WAVEGUIDES
PARALLAX
PHOTICS
PHOTOELASTIC ANALYSIS
PHYSICAL OPTICS
PREFOCUSING
QUANTUM OPTICS
REFLECTION
RESOLUTION
SCATTER PLATES (OPTICS)
% SCIENCE
SNELLS LAW
SPECTROSCOPY
SQUEEZED STATES (QUANTUM THEORY)
STARLAB
UNDERWATER OPTICS
X RAY OPTICS

OPTIMAL CONTROL
1003 1902 1904 2102 3006
UF OPTIMUM CONTROL
GS AUTOMATIC CONTROL
#OPTIMAL CONTROL
..H-INFINITY CONTROL
..LINEAR QUADRATIC REGULATOR
...LINEAR QUADRATIC GAUSSIAN CONTROL
..TIME OPTIMAL CONTROL
OPTIMIZATION
#OPTIMAL CONTROL
..H-INFINITY CONTROL
..LINEAR QUADRATIC REGULATOR
...LINEAR QUADRATIC GAUSSIAN CONTROL
..TIME OPTIMAL CONTROL
RT ADAPTIVE CONTROL
% CONTROL
CONTROL SYSTEMS DESIGN
CONTROL THEORY
FEEDBACK CONTROL
FEEDFORWARD CONTROL
GENETIC ALGORITHMS
INVENTORY CONTROLS
KALMAN-SCHMIDT FILTERING
MODEL REFERENCE ADAPTIVE CONTROL
MULTIVARIABLE CONTROL
PARAMETER IDENTIFICATION
TRACKING PROBLEM
TRAJECTORY CONTROL

OPTIMIZATION
1505 1902 1904
UF MINIMIZATION
REDUCTION (MATHEMATICS)
GS #OPTIMIZATION
.FLIGHT OPTIMIZATION
.GENETIC ALGORITHMS
.MATHEMATICAL PROGRAMMING
..DYNAMIC PROGRAMMING
..LINEAR PROGRAMMING
..NONLINEAR PROGRAMMING
..QUADRATIC PROGRAMMING
.OPERATIONS RESEARCH
.OPTIMAL CONTROL
..H-INFINITY CONTROL
..LINEAR QUADRATIC REGULATOR
...LINEAR QUADRATIC GAUSSIAN CONTROL
..TIME OPTIMAL CONTROL
.SIMPLEX METHOD
.TRAJECTORY OPTIMIZATION
RT % APPLICATIONS OF MATHEMATICS
BELLMAN THEORY
BOLZA PROBLEMS
CONSTRAINTS
CORRELATION
% DESIGN
DESIGN ANALYSIS
DIFFERENTIAL CALCULUS
EFFICIENCY
EXTREMUM VALUES
GRADIENTS
HESSIAN MATRICES
KALMAN FILTERS
KALMAN-SCHMIDT FILTERING
LAGRANGE MULTIPLIERS
LEAST SQUARES METHOD
MAXIMA
MINIMA
PARAMETER IDENTIFICATION
PENALTY FUNCTION
PLANNING
PONTRYAGIN PRINCIPLE
QUALITY CONTROL
RANGE (EXTREMES)
% REDUCTION
SCHEDULING

SIMULATED ANNEALING
STATIC MODELS
STEEPEST DESCENT METHOD
STOPPING
SYSTEM IDENTIFICATION
TRAJECTORY CONTROL
WIENER FILTERING

OPTIMUM CONTROL
USE OPTIMAL CONTROL

OPTIMUM THRUST PROGRAMMING
USE THRUST PROGRAMMING

OPTIONS
1902 3402 3406
RT ALTERNATIVES
CONTRACTS
SELECTION
SITE SELECTION
SUBCONTRACTS

OPTOELECTRONIC DEVICES
2304 2306 2310 2402
GS #OPTOELECTRONIC DEVICES
.PHOTODIODES
.PHOTOTRANSISTORS
RT ELECTRO-OPTICS
FIBER OPTICS
INTEGRATED CIRCUITS
INTEGRATED OPTICS
OPTICAL SWITCHING
PHOTONICS

OPTOELECTRONIC SWITCHING
USE OPTICAL SWITCHING

OPTOGALVANIC SPECTROSCOPY
2310
GS SPECTROSCOPY
.ABSORPTION SPECTROSCOPY
.#OPTOGALVANIC SPECTROSCOPY
RT FLAME SPECTROSCOPY
FRAUNHOFER LINES
GAS SPECTROSCOPY
INFRARED SPECTROSCOPY
MOLECULAR SPECTROSCOPY
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
RAMAN SPECTROSCOPY
ULTRAVIOLET SPECTROSCOPY
VOLT-AMPERE CHARACTERISTICS

OPTOMETRY
0405 0501 2306
GS OPTICAL MEASUREMENT
#OPTOMETRY
RT ANASTIGMATISM
BLINDNESS
EYE (ANATOMY)
HAPLOSCOPES
% MEASUREMENT
MEDICAL SCIENCE
VISION

OR-GATES
USE GATES (CIRCUITS)

ORAL HYGIENE
0405 0408 0411
GS HYGIENE
#ORAL HYGIENE
RT CLEANLINESS
DENTISTRY
HEALTH
PUBLIC HEALTH
TEETH
TOOTH DISEASES

ORATORY
USE PUBLIC SPEAKING

ORBIS
0705 0710 1302 3107
UF ORBITING RADIO BEACON IONOSPHERIC SOUNDER
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
.#ORBIS
...ORBIS CAL SATELLITE
RT IONOSPHERIC PROPAGATION
IONOSPHERIC SOUNDING
RADIO BEACONS

ORBIS CAL SATELLITE
0705 0710 1302 3107
GS ARTIFICIAL SATELLITES
.GRAVITY GRADIENT SATELLITES
.#ORBIS CAL SATELLITE
.SCIENTIFIC SATELLITES
..ORBIS
..#ORBIS CAL SATELLITE
RT IONOSPHERIC PROPAGATION
IONOSPHERIC SOUNDING
RADIO BEACONS

ORBIT CALCULATION
1901 1904 3006 3009
UF SATELLITE ORBIT CALCULATION
GS COMPUTATION
#ORBIT CALCULATION
..MINIMUM VARIANCE ORBIT DETERMINATION
RT FLIGHT MECHANICS
GODDARD TRAJECTORY DETERMINATION SYSTEM
ORBITAL ELEMENTS
ORBITAL MECHANICS
ORBITAL POSITION ESTIMATION
ORBITAL RESONANCES (CELESTIAL MECHANICS)
QUADRATURES

ORBIT DECAY
1901 1904 3006 3009
RT AERODYNAMIC DRAG
ATMOSPHERIC ENTRY
FLIGHT MECHANICS
ORBITAL MECHANICS
SATELLITE LIFETIME
SPACECRAFT BREAKUP

ORBIT EQUATIONS
USE ORBITAL MECHANICS

ORBIT INSERTION
3006
GS INSERTION
#ORBIT INSERTION
RT ASCENT TRAJECTORIES
ORBITAL MANEUVERS
ORBITAL MECHANICS
PAYLOAD DELIVERY (STS)
SATELLITE ORBITS
SPACECRAFT LAUNCHING
SPACECRAFT MANEUVERS
SPACECRAFT ORBITS
TRANSFER ORBITS

ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)
2802 3110
UF OME
GS ENGINES
.ROCKET ENGINES
..MICROROCKET ENGINES
..#ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)
RT AEROMANEUVERING ORBIT TO ORBIT SHUTTLE
ORBITAL MANEUVERS
SPACE SHUTTLES

ORBIT PERTURBATION
1901 1904 3006
UF EVECTION

GS PERTURBATION
#ORBIT PERTURBATION
..SATELLITE PERTURBATION
RT DRIFT RATE
LONG TERM EFFECTS
LUNAR EFFECTS
ORBITAL ELEMENTS
ORBITAL MECHANICS
ORBITAL RESONANCES (CELESTIAL MECHANICS)
PERTURBATION THEORY
SCHACH EFFECT
VINTI THEORY

ORBIT SPECTRUM UTILIZATION
0706 4001
RT COMMUNICATION SATELLITES
FREQUENCY ASSIGNMENT
RADIO RELAY SYSTEMS
SATELLITE ORBITS
SYSTEMS ENGINEERING
TELEVISION SYSTEMS

ORBIT TRANSFER VEHICLES
3110
UF OTV
GS #ORBIT TRANSFER VEHICLES
.AEROMANEUVERING ORBIT TO ORBIT SHUTTLE
RT INERTIAL UPPER STAGE
ORBITAL MANEUVERING VEHICLES
ORBITAL SERVICING
PAYLOAD DELIVERY (STS)
PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
PAYLOAD RETRIEVAL (STS)
SPACE SHUTTLES
SPACE TRANSPORTATION
SPACE TUGS
% SPACECRAFT
% VEHICLES

ORBITAL ASSEMBLY
2102 3006 3009 3110
UF CONSTRUCTION IN SPACE
SPACECRAFT ORBITAL ASSEMBLY
GS ASSEMBLING
#ORBITAL ASSEMBLY
RT EXPANDABLE STRUCTURES
INFLATABLE SPACECRAFT
SELF ERECTING DEVICES
SPACE ERECTABLE STRUCTURES
SPACE OPERATIONS CENTER (NASA)
SPACE STATION STRUCTURES
SPACECRAFT MODULES
SPACECRAFT STRUCTURES

ORBITAL BREAKUP
USE SPACECRAFT BREAKUP

ORBITAL ELEMENTS
1901 1904 3006 3009
RT APSIDES
% ELEMENTS
ORBIT CALCULATION
ORBIT PERTURBATION
ORBITS
PERIHELIONS
PERTURBATION THEORY

ORBITAL FLIGHT TEST 1 (SHUTTLE)
USE SPACE TRANSPORTATION SYSTEM 1 FLIGHT

ORBITAL FLIGHT TEST 2 (SHUTTLE)
USE SPACE TRANSPORTATION SYSTEM 2 FLIGHT

ORBITAL FLIGHT TEST 3 (SHUTTLE)
USE SPACE TRANSPORTATION SYSTEM 3 FLIGHT

ORBITAL FLIGHT TEST 4 (SHUTTLE)
USE SPACE TRANSPORTATION SYSTEM 4 FLIGHT

ORBITAL FLIGHT TESTS (SHUTTLE)
USE SPACE TRANSPORTATION SYSTEM FLIGHTS

ORBITAL LAUNCHING
1901 1904 3006 3102 3009
SN (LAUNCHING FROM AN ORBIT--EXCLUDES LAUNCHING INTO ORBIT FROM GROUND)
GS LAUNCHING
.ROCKET LAUNCHING
.#ORBITAL LAUNCHING
RT INTERPLANETARY TRAJECTORIES
LUNAR LAUNCH
PAYLOAD DELIVERY (STS)
SPACECRAFT LAUNCHING
TRANSFER ORBITS

ORBITAL LIFETIME
3006 3009
RT ATTITUDE CONTROL
EARTH ORBITS

ORBITAL MANEUVERING VEHICLES
3110
RT ORBIT TRANSFER VEHICLES
ORBITAL SERVICING
POWER MODULES (STS)
REMOTELY PILOTED VEHICLES
% SPACECRAFT

ORBITAL MANEUVERS
3006 3009
GS MANEUVERS
.SPACECRAFT MANEUVERS
.#ORBITAL MANEUVERS
RT ORBIT INSERTION
ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)
SPACE NAVIGATION
SPACE SHUTTLES

ORBITAL MECHANICS
1901 1904 2308 3006 3009
UF ORBIT EQUATIONS
GS CLASSICAL MECHANICS
.SPACE MECHANICS
.#ORBITAL MECHANICS
...KEPLER LAWS
...MINIMUM VARIANCE ORBIT DETERMINATION
RT AEROMANEUVERING ORBIT TO ORBIT SHUTTLE
APSIDES
ASTRODYNAMICS
CELESTIAL MECHANICS
CIRCULAR ORBITS
DRIFT RATE
EARTH ORBITAL RENDEZVOUS
EARTH ORBITS
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
EARTH-MOON SYSTEM
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
FLIGHT MECHANICS
FLIGHT OPTIMIZATION
GODDARD TRAJECTORY DETERMINATION SYSTEM
HANSEN LUNAR THEORY
HILL LUNAR THEORY
HILL METHOD
INTERPLANETARY TRAJECTORIES
INTERPLANETARY TRANSFER ORBITS
LAGRANGIAN EQUILIBRIUM POINTS
LUNAR ORBITAL RENDEZVOUS
LUNAR ORBITS
MANY BODY PROBLEM
% MECHANICS (PHYSICS)
MOON-EARTH TRAJECTORIES
ORBIT CALCULATION

ORBIT DECAY
ORBIT INSERTION
ORBIT PERTURBATION
ORBITAL RESONANCES (CELESTIAL MECHANICS)
ORBITS
PARKING ORBITS
PERTURBATION
PLANETARY LANDING
POYNTING-ROBERTSON EFFECT
QUADRATURES
RENDEZVOUS
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
SATELLITE ORBITS
SATELLITE PERTURBATION
SPACE NAVIGATION
SPACECRAFT ORBITS
STATIONKEEPING
SWINGBY TECHNIQUE
THRUST PROGRAMMING
TRAJECTORY ANALYSIS
TRANSEARTH INJECTION
TRANSFER ORBITS
TRANSLUNAR INJECTION
TWENTY-FOUR HOUR ORBITS
TWO BODY PROBLEM

ORBITAL MOTION
USE ORBITS

ORBITAL POSITION ESTIMATION
1901 1904 3009 3107 3503 3504
GS ESTIMATING
#ORBITAL POSITION ESTIMATION
RT CELESTIAL SPHERE
GODDARD TRAJECTORY DETERMINATION
SYSTEM
NAVIGATION
ORBIT CALCULATION
% ORIENTATION
POSITION (LOCATION)
POSITION ERRORS
% RANGE
SATELLITE ORBITS
SPACECRAFT ORBITS
SPACECRAFT POSITION INDICATORS
STATE ESTIMATION

ORBITAL RENDEZVOUS
1901 1904 3006
UF SATELLITE RENDEZVOUS
GS MANEUVERS
#ORBITAL RENDEZVOUS
..EARTH ORBITAL RENDEZVOUS
..LUNAR ORBITAL RENDEZVOUS
RENDEZVOUS
.SPACE RENDEZVOUS
.#ORBITAL RENDEZVOUS
...EARTH ORBITAL RENDEZVOUS
...LUNAR ORBITAL RENDEZVOUS
RT ATLAS LAUNCH VEHICLES
MULTIPLE DOCKING ADAPTERS
PAYLOAD RETRIEVAL (STS)
RENDEZVOUS GUIDANCE
RENDEZVOUS SPACECRAFT
RENDEZVOUS TRAJECTORIES
SPACECRAFT DOCKING
SPACECRAFT TRAJECTORIES
TETHERING

ORBITAL RESONANCES (CELESTIAL MECHANICS)
3001 3002 3006 3107
GS RESONANCE
#ORBITAL RESONANCES (CELESTIAL MECHANICS)
RT ASTRODYNAMICS
CELESTIAL MECHANICS
GRAVITATIONAL EFFECTS
LIBRATION
LIBRATIONAL MOTION
ORBIT CALCULATION
ORBIT PERTURBATION
ORBITAL MECHANICS
OSCILLATIONS
PLANETARY ORBITS
PLANETARY SYSTEMS
SATELLITE ORBITS
SOLAR ORBITS

ORBITAL SERVICING
3109
UF SATELLITE REPAIR
RT COLUMBUS SPACE STATION
LARGE SPACE STRUCTURES
MAN TENDED FREE FLYERS
MANNED MANEUVERING UNITS
ORBIT TRANSFER VEHICLES
ORBITAL MANEUVERING VEHICLES
PAYLOAD TRANSFER
SPACE OPERATIONS CENTER (NASA)
SPACE PLATFORMS
SPACE SHUTTLE PAYLOADS
SPACE STATION FREEDOM
SPACE STATIONS
SPACE TRANSPORTATION SYSTEM
SPACE TUGS
TELEROBOTICS

ORBITAL SHOTS
2102 3006 3110 3409
RT % SHOT
SPACECRAFT LAUNCHING

ORBITAL SIMULATORS
USE SPACE SIMULATORS

ORBITAL SPACE TESTS
0709
RT CRRES (SATELLITE)
ENVIRONMENTAL TESTS
LARGE SPACE STRUCTURES
SPACE MECHANICS
SPACE STATIONS
STRUCTURAL ANALYSIS
% TESTS

ORBITAL TEST SATELLITE (ESA)
USE OTS (ESA)

ORBITAL TRANSFER
USE TRANSFER ORBITS

ORBITAL VELOCITY
2308 3006 3009
GS RATES (PER TIME)
#ORBITAL VELOCITY
VELOCITY
#ORBITAL VELOCITY
RT ANGULAR VELOCITY
ESCAPE VELOCITY
% HYPERVELOCITY
VELOCITY ERRORS

ORBITAL WORKERS
0502 0506 0508 3104
GS PERSONNEL
.FLYING PERSONNEL
..ASTRONAUTS
..#ORBITAL WORKERS
RT ASTRONAUT LOCOMOTION
EXTRAVEHICULAR ACTIVITY
SPACE MAINTENANCE
SPACE TOOLS
WORK CAPACITY

ORBITAL WORKSHOPS
3109
GS ARTIFICIAL SATELLITES
#ORBITAL WORKSHOPS
..SATURN WORKSHOPS
...SATURN 1 WORKSHOP
...SATURN 5 WORKSHOP
..SKYLAB 1
..SKYLAB 2

..SKYLAB 3
..SKYLAB 4
MANNED SPACECRAFT
#ORBITAL WORKSHOPS
..SATURN WORKSHOPS
...SATURN 1 WORKSHOP
...SATURN 5 WORKSHOP
..SKYLAB 1
..SKYLAB 2
..SKYLAB 3
..SKYLAB 4
RT APOLLO EXTENSION SYSTEM
CONTAINERLESS MELTS
MANNED ORBITAL LABORATORIES
SKYLAB PROGRAM
SPACE LABORATORIES
SPACE PROCESSING
SPACE STATIONS

ORBITALS
0603 2311 2401
GS #ORBITALS
.ELECTRON ORBITALS
.MOLECULAR ORBITALS
.SLATER ORBITALS
RT JAHN-TELLER EFFECT
ORBITS
SCHWARZSCHILD METRIC

ORBITING ASTRONOMICAL OBSERVATORY
USE OAO

ORBITING DIPOLES
0707 0710 0901
GS ELECTRIC CHARGE
.ELECTRIC DIPOLES
.#ORBITING DIPOLES
RT COMMUNICATION EQUIPMENT
% DIPOLES

ORBITING FROG OTOLITH
0401 0404
GS ARTIFICIAL SATELLITES
.BIOSATELLITES
.#ORBITING FROG OTOLITH
SPACEBORNE EXPERIMENTS
#ORBITING FROG OTOLITH
RT BIOLOGICAL EFFECTS
BIOMETRICS
BIOTELEMETRY
INSTRUMENT PACKAGES
INTERNATIONAL COOPERATION
ITALIAN SPACE PROGRAM
OTOLITH ORGANS

ORBITING GEOPHYSICAL OBSERVATORY
USE OGO

ORBITING LUNAR STATIONS
3009 3109
GS ARTIFICIAL SATELLITES
.LUNAR SATELLITES
.#ORBITING LUNAR STATIONS
.SPACE STATIONS
.#ORBITING LUNAR STATIONS
LUNAR SPACECRAFT
.LUNAR SATELLITES
.#ORBITING LUNAR STATIONS
STATIONS
.SPACE STATIONS
.#ORBITING LUNAR STATIONS
RT LUNAR BASES
% SPACECRAFT

ORBITING RADIO BEACON IONOSPHERIC SOUNDER
USE ORBIS

ORBITING SOLAR OBSERVATORY
USE OSO

ORBITRONS
1406 2401
RT ELECTRON CLOUDS
ELECTRON TUBES
IONIZATION GAGES
SPACE CHARGE
VACUUM GAGES

ORBITS
1904 3006 3009
UF ORBITAL MOTION
PERIODIC ORBITS
GS #ORBITS
.CIRCULAR ORBITS
..STATIONARY ORBITS
.EARTH ORBITS
..GEOSYNCHRONOUS ORBITS
..TWENTY-FOUR HOUR ORBITS
.ECCENTRIC ORBITS
.ELLIPTICAL ORBITS
..TRANSFER ORBITS
...INTERPLANETARY TRANSFER ORBITS
.EQUATORIAL ORBITS
..STATIONARY ORBITS
.LUNAR ORBITS
.PLANETARY ORBITS
.SOLAR ORBITS
.SPACECRAFT ORBITS
..SATELLITE ORBITS
...GEOSYNCHRONOUS ORBITS
...PARKING ORBITS
...POLAR ORBITS
...STATIONARY ORBITS
...TWENTY-FOUR HOUR ORBITS
..TRANSFER ORBITS
...INTERPLANETARY TRANSFER ORBITS
..TROJAN ORBITS
.STELLAR ORBITS
RT AIRBORNE RANGE AND ORBIT
DETERMINATION
APEXES
APHELIONS
APOGEES
ARTIFICIAL SATELLITES
ASTRODYNAMICS
CELESTIAL BODIES
CELESTIAL MECHANICS
% CONJUNCTION
EARTH-VENUS TRAJECTORIES
EPHEMERIDES
FLIGHT OPTIMIZATION
FLIGHT PATHS
FOUR BODY PROBLEM
GROUND TRACKS
% INCLINATION
INTERPLANETARY FLIGHT
LUNAR FLIGHT
MANY BODY PROBLEM
% MOTION
ORBITAL ELEMENTS
ORBITAL MECHANICS
ORBITALS
% PATHS
PERIGEES
PERIHELIONS
QUADRATURES
ROCHE LIMIT
SATELLITE GROUND TRACKS
SCHWARZSCHILD METRIC
SPACE FLIGHT
SPACE NAVIGATION
SPACECRAFT GUIDANCE
STATIONKEEPING
SUBORBITAL FLIGHT
THREE BODY PROBLEM
TRAJECTORIES
TWO BODY PROBLEM

ORCHARDS
0409
RT AGRICULTURE
BLIGHT
CITRUS TREES
CROP GROWTH
CROP VIGOR

```
    % CROPS
      CURING
      FARM CROPS
    % FOOD
      FROST DAMAGE
      FRUITS
      IRRIGATION
      NUTS (FRUITS)
      PLANTS (BOTANY)
      RURAL LAND USE
      SILVICULTURE
      TREES (PLANTS)

ORDER-DISORDER TRANSFORMATIONS
  0601 1704 2601 2603
  RT   ATOMIC STRUCTURE
       CRYSTAL DEFECTS
       CRYSTAL LATTICES
       CRYSTAL STRUCTURE
       CRYSTALLOGRAPHY
       HOLES (ELECTRON DEFICIENCIES)
       METALLOGRAPHY
       MICROSTRUCTURE
       MOLECULAR STRUCTURE
       PHASE TRANSFORMATIONS
       SOLID SOLUTIONS
    % TRANSFORMATIONS

ORDNANCE
  3006 3401
  RT   AIR TO SURFACE MISSILES
       AMMUNITION
       ARMOR
       BALLISTICS
       EXPLOSIVES
       GROUND SUPPORT EQUIPMENT
       PYROTECHNICS
       TANKS (COMBAT VEHICLES)
       TRAJECTORIES
       WARFARE
       WEAPON SYSTEMS
       WEAPONS

OREGON
  1305
  GS   NATIONS
       .UNITED STATES
       .#OREGON
  RT   CASCADE RANGE (CA-OR-WA)
       COLUMBIA RIVER BASIN (ID-OR-WA)

ORES
  USE  MINERALS

ORGAN WEIGHT
  0401 0404 0405 0408
  GS   WEIGHT (MASS)
       #ORGAN WEIGHT

ORGANELLES
  0404 0406 0409
  GS  #ORGANELLES
       .CHLOROPLASTS
       .ENDOPLASMIC RETICULUM
       ..SARCOPLASMIC RETICULUM
       .LYSOSOMES
       .MITOCHONDRIA
       .NUCLEI (CYTOLOGY)
  RT   CELLS (BIOLOGY)
       CYTOLOGY
       CYTOPLASM

ORGANIC ALUMINUM COMPOUNDS
  1808 1704
  GS   ALUMINUM COMPOUNDS
       #ORGANIC ALUMINUM COMPOUNDS
       ORGANOMETALLIC COMPOUNDS
       #ORGANIC ALUMINUM COMPOUNDS
  RT % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

ORGANIC BORON COMPOUNDS
  0603 1808
  GS   BORON COMPOUNDS
       #ORGANIC BORON COMPOUNDS
       ORGANIC COMPOUNDS
       #ORGANIC BORON COMPOUNDS
  RT % CHEMICAL COMPOUNDS

ORGANIC CHARGE TRANSFER SALTS
  1804
  GS   ORGANIC COMPOUNDS
       #ORGANIC CHARGE TRANSFER SALTS
  RT   CHARGE TRANSFER DEVICES
       ORGANIC SUPERCONDUCTORS
     % SALTS
       SEMICONDUCTORS (MATERIALS)

ORGANIC CHEMISTRY
  0603 1808
  RT   BIOCHEMISTRY
     % CHEMISTRY
       CRACKING (CHEMICAL ENGINEERING)
       CYCLIC COMPOUNDS
       DIELS-ALDER REACTIONS
       HISTOCHEMICAL ANALYSIS
       METHOXY SYSTEMS
       OPTICAL ACTIVITY
       PHYSIOCHEMISTRY

ORGANIC COMPOUNDS
  0603 1808
  GS  #ORGANIC COMPOUNDS
       .ACETYL COMPOUNDS
       ..ACETYLACETONE
       ..ACETYLSALICYLIC ACID
       .AMINO ACIDS
       ..ALANINE
       ...PHENYLALANINE
       ..ASPARTIC ACID
       ..CYSTEINE
       ..DOPA
       ..FOLIC ACID
       ..GLUTAMIC ACID
       ..GLUTAMINE
       ..GLYCINE
       ..HIPPURIC ACID
       ..HISTIDINE
       ..LEUCINE
       ...NORLEUCINE
       ..LYSINE
       ..MELANOIDIN
       ..METHIONINE
       ..THYROXINE
       ..TRYPTOPHAN
       ..TYROSINE
       .CARBOHYDRATES
       ..CITRIC ACID
       ..GLUCOSIDES
       ...NUCLEOSIDES
       ....ADENINES
       ....GUANOSINES
       ..POLYSACCHARIDES
       ...CELLULOSE
       ....FORTISAN (TRADEMARK)
       ...CHITIN
       ...DEXTRANS
       ...GLYCOGENS
       ...STARCHES
       ..SUGARS
       ...DEXTRANS
       ...INOSITOLS
       ...LACTOSE
       ...MANNITOL
       ...MONOSACCHARIDES
       ....HEXOSES
       .....GALACTOSE
       .....GLUCOSE
       ....PENTOSE
       .....RIBOSE
       .....XYLOSE
       ...SUCROSE
       .CARBOXYLIC ACIDS
       ..ACRYLIC ACID
       ..ALANINE
```

..ASPARTIC ACID
..CITRIC ACID
..DICARBOXYLIC ACIDS
..FATTY ACIDS
...ACETIC ACID
....ETHYLENEDIAMINETETRAACETIC ACIDS
....IODOACETIC ACID
...ACETYLSALICYLIC ACID
...BENZILIC ACID
...BENZOIC ACID
...LIPOIC ACID
...OLEIC ACID
...PALMITIC ACID
...PROPIONIC ACID
...SEBACIC ACID
...VALERIC ACID
..FOLIC ACID
..FORMHYDROXAMIC ACID
..FORMIC ACID
..HEXOGENES (TRADEMARK)
..LACTIC ACID
..LYSINE
..NICOTINIC ACID
..OXALIC ACID
..OXAMIC ACIDS
..TRYPTOPHAN
.CHOLINE
.COENZYMES
..ADENOSINE DIPHOSPHATE
..ADENOSINE TRIPHOSPHATE
..CYCLIC AMP
..GLUTATHIONE
..THIAMINE
.CYCLIC COMPOUNDS
..CYCLIC HYDROCARBONS
...ANTHRACENE
...BENZENE
...CHLOROBENZENES
...COLCHICINE
...CYCLOBUTANE
...CYCLOHEXANE
...CYCLOPROPANE
...DURENE
...INDENE
...MENTHOL
...NAPHTHALENE
...NAPHTHENES
..HETEROCYCLIC COMPOUNDS
...ACRIFLAVINE
...ADENOSINES
....ADENOSINE DIPHOSPHATE
....ADENOSINE TRIPHOSPHATE
....CYCLIC AMP
...ALKALOIDS
....ATROPINE
....BETAINES
....CAFFEINE
....COLCHICINE
....ERGOTAMINE
....HYOSCINE
....LYSERGINE
....MORPHINE
....NICOTINAMIDE
....NICOTINE
....PILOCARPINE
....RESERPINE
....STRYCHNINE
....TROPYL COMPOUNDS
...ANISOLE
...ASCORBIC ACID
...AZINES
....CYANURATES
....CYANURIC ACID
....MECLIZINE
....METHYLENE BLUE
....PHENOTHIAZINES
...AZOLES
....ACETAZOLAMIDE
....OXAZOLE
....PYRROLES
.....CARBAZOLES
.....INDOLES
.....TRYPTOPHAN
...AZULENE
...BIOFLAVONOIDS
...BIOTIN
...CARNITINE
...CYANOCOBALAMIN
...CYTIDYLIC ACID
...DIMENHYDRINATE
...ENDRIN
...ETHYLENE OXIDE
...FOLIC ACID
...FURANS
....TETRAHYDROFURAN
...GUANETHIDINE
...HMX
...NICOTINIC ACID
...PHTHALOCYANIN
...PHYLLOQUINONE
...PIPERIDINE
...PROMETHAZINE
...PURINES
....ADENINES
....XANTHINES
.....CAFFEINE
.....GUANINES
.....URIC ACID
...PYRIDINES
...PYRIDOXINE
...PYRIMIDINES
....ALLOXAN
....THYMIDINE
....THYMINE
....URACIL
...RDX
...RETINENE
...RIBOFLAVIN
...TETRACYCLINES
...TETRAZOLES
...THIAMINE
...THIAZINE (TRADEMARK)
...TOCOPHEROL
...TRIMETHADIONE
..RHODAMINE
.DIETHYL COMPOUNDS
..DIETHYL ETHER
..DIETHYL HYDROGEN PHOSPHITE (DEHP)
.DIMETHYL COMPOUNDS
..DIMETHYLHYDRAZINES
.FLUORINE ORGANIC COMPOUNDS
..FLUOROAMINES
...NITROFLUORAMINES
...TRIFLUOROAMINE OXIDE
..FLUOROCARBONS
..FLUOROHYDROCARBONS
...CARBON TETRAFLUORIDE
...CHLOROFLUOROMETHANE
..FLUOROPOLYMERS
...POLYVINYL FLUORIDE
..KEL-F
..PERFLUOROALKANE
..PERFLUOROGUANIDINE
.HYDROCARBONS
..ALIPHATIC HYDROCARBONS
...ALKANES
....BUTANES
....CETANE
....ETHANE
....HEPTANES
....METHANE
....NITROPROPANE
....NONANES
....OCTANES
....PARAFFINS
.....CERESIN
....PENTANES
.....NEOPENTANE
....PROPANE
...ALKENES
....BUTENES
....ETHYLENE
.....VINYLIDENE
....HEXENES

....PROPYLENE
....TRIENES
...ALKYNES
....ACETYLENE
....OXYACETYLENE
...DIENES
....BUTADIENE
....HEPTADIENE
....HEXADIENE
....POLYBUTADIENE
..CAROTENE
..CHLOROFLUOROMETHANE
..CUBANE
..CYANOACETYLENE
..CYCLIC HYDROCARBONS
...ANTHRACENE
...BENZENE
...CHLOROBENZENES
...COLCHICINE
...CYCLOBUTANE
...CYCLOHEXANE
...CYCLOPROPANE
...DURENE
...INDENE
...MENTHOL
...NAPHTHALENE
...NAPHTHENES
..DIPHENYL COMPOUNDS
...DIPHENYL HYDANTOIN
..LIQUEFIED NATURAL GAS
..MESITYLENE
..METHYLENE
..METHYLIDYNE
..NATURAL GAS
..PHENANTHRENE
..PYRENES
..QUINOXALINES
..STILBENE
..TOLUENE
..TRIPHENYLS
..XYLENE
.KEROGEN
.LEAD ORGANIC COMPOUNDS
..LEAD ACETATES
.LIPIDS
..CALCIFEROL
..CASTOR OIL
..FATS
..LIPOPROTEINS
..PHYLLOQUINONE
..RETINENE
..STEROIDS
...CHOLESTEROL
...CORTICOSTEROIDS
....ALDOSTERONE
....HYDROXYCORTICOSTEROID
.....CORTISONE
...ESTROGENS
...PROSTAGLANDINS
..TOCOPHEROL
.NUCLEIC ACIDS
..DEOXYRIBONUCLEIC ACID
..RIBONUCLEIC ACIDS
.NUCLEOTIDES
..ADENINES
..ADENOSINES
...ADENOSINE DIPHOSPHATE
...ADENOSINE TRIPHOSPHATE
...CYCLIC AMP
..POLYNUCLEOTIDES
..PYRIDINE NUCLEOTIDES
..URIDYLIC ACID
.ORGANIC BORON COMPOUNDS
.ORGANIC CHARGE TRANSFER SALTS
.ORGANIC GERMANIUM COMPOUNDS
.ORGANIC LIQUIDS
.ORGANIC LITHIUM COMPOUNDS
.ORGANIC PEROXIDES
.ORGANIC PHOSPHORUS COMPOUNDS
..PHOSPHAZENE
..PHOSPHENE
..PHOSPHONITRILES
..URIDYLIC ACID
.ORGANIC SILICON COMPOUNDS
..TRIPHENYL SILICON
.ORGANIC SULFUR COMPOUNDS
.ORGANIC TIN COMPOUNDS
.PENTANONE
.PEPTIDES
..POLYPEPTIDES
...GLUTATHIONE
...HYPERTENSIN
.POLYNUCLEAR ORGANIC COMPOUNDS
.PROPARGYL GROUPS
.PROTEINS
..ALBUMINS
..ASPARTATES
..CALMODULIN
..ELASTIN
..ENZYMES
...ALDOLASE
...AMIDASE
...CARBONIC ANHYDRASE
...CATALASE
...CHOLINESTERASE
...CYTOCHROMES
...HEXOKINASE
...LYSOZYME
...NUCLEASE
...OXIDASE
...PAPAIN
...PEPSIN
...PROTEASE
...THROMBIN
...TRYPSIN
..FIBRIN
..GLOBULINS
...FIBRINOGEN
...GAMMA GLOBULIN
..HEMOGLOBIN
...CARBOXYHEMOGLOBIN
...OXYHEMOGLOBIN
..KERATINS
..LIPOPROTEINS
..MELANIN
..MYOGLOBIN
..PROTEINOIDS
..PROTHROMBIN
..PROTOPROTEINS
.QUINOLINE
.QUINONES
.SEROTONIN
RT ALCOHOLS
ALDEHYDES
% ALIPHATIC COMPOUNDS
ALKYL COMPOUNDS
% AROMATIC COMPOUNDS
% CHEMICAL COMPOUNDS
CHEMICAL EVOLUTION
ESTERS
ETHERS
HYDROXYL COMPOUNDS
METABOLITES
METHOXY SYSTEMS
METHYL COMPOUNDS
NITROSO COMPOUNDS
ORGANIC SUPERCONDUCTORS
ORGANIC WASTES (FUEL CONVERSION)
ORGANOMETALLIC COMPOUNDS
% SALTS

ORGANIC COOLANTS
1803 1808
GS COOLANTS
#ORGANIC COOLANTS

ORGANIC COOLED REACTORS
1808 2202 2203 2204
UF ORGEL REACTOR
GS NUCLEAR REACTORS
.LIQUID COOLED REACTORS
.#ORGANIC COOLED REACTORS
...EXPERIMENTAL ORGANIC COOLED REACTORS
RT REACTOR DESIGN

```
      REACTOR TECHNOLOGY

ORGANIC FLUORINE COMPOUNDS
  USE  FLUORINE ORGANIC COMPOUNDS

ORGANIC GERMANIUM COMPOUNDS
  1808 1704
  GS   GERMANIUM COMPOUNDS
       #ORGANIC GERMANIUM COMPOUNDS
       ORGANIC COMPOUNDS
       #ORGANIC GERMANIUM COMPOUNDS
       ORGANOMETALLIC COMPOUNDS
       #ORGANIC GERMANIUM COMPOUNDS
  RT % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

ORGANIC LASERS
  1601 1808
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       .#ORGANIC LASERS
       ...DYE LASERS
  RT   CARBON DIOXIDE LASERS
       CARBON LASERS
       CHEMICAL LASERS
       GAS LASERS
       INFRARED LASERS
       LIQUID LASERS

ORGANIC LIQUIDS
  0603 1808
  GS   LIQUIDS
       #ORGANIC LIQUIDS
       ORGANIC COMPOUNDS
       #ORGANIC LIQUIDS
  RT   PYRUVATES
       XANTHIC ACIDS

ORGANIC LITHIUM COMPOUNDS
  1808
  GS   LITHIUM COMPOUNDS
       #ORGANIC LITHIUM COMPOUNDS
       ORGANIC COMPOUNDS
       #ORGANIC LITHIUM COMPOUNDS
       ORGANOMETALLIC COMPOUNDS
       #ORGANIC LITHIUM COMPOUNDS
  RT % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

ORGANIC MATERIALS
  1808 0603 1805 1809 1810 1811
  GS  #ORGANIC MATERIALS
       .PEAT
  RT   BIODEGRADABILITY
       CARBONACEOUS MATERIALS
       CORK (MATERIALS)
       COTTON FIBERS
       ELASTOMERS
       LINEN
     % MATERIALS
       MOLDS
       PAPER (MATERIAL)
       PHASE CHANGE MATERIALS
       PLASTICS
     % POLYMERS
       ROSIN
       RUBBER
       SILK
       THERMOCHROMATIC MATERIALS
       WOOD
       WOOL

ORGANIC MODERATED REACTORS
  1808 2202 2203 2204
  GS   NUCLEAR REACTORS
       #ORGANIC MODERATED REACTORS
       ..EXPERIMENTAL ORGANIC COOLED
         REACTORS

ORGANIC NITRATES
  0603 1808
  GS   ESTERS
       #ORGANIC NITRATES
       ..CELLULOSE NITRATE
       ..NITROFORMS
       ...HYDRAZINE NITROFORM
       ..NITROGLYCERIN
       ..PETN
       NITROGEN COMPOUNDS
       .NITRATES
       .#ORGANIC NITRATES
       ...CELLULOSE NITRATE
       ...NITROFORMS
       ....HYDRAZINE NITROFORM
       ...NITROGLYCERIN
       ...PETN

ORGANIC PEROXIDES
  0603
  GS   CHALCOGENIDES
       .OXIDES
       ..ANHYDRIDES
       ...PEROXIDES
       ...#ORGANIC PEROXIDES
       ORGANIC COMPOUNDS
       #ORGANIC PEROXIDES
  RT   AIR POLLUTION
       HYDROCARBONS
       INORGANIC PEROXIDES

ORGANIC PHOSPHORUS COMPOUNDS
  0603 1808
  GS   ORGANIC COMPOUNDS
       #ORGANIC PHOSPHORUS COMPOUNDS
       ..PHOSPHAZENE
       ..PHOSPHENE
       ..PHOSPHONITRILES
       ..URIDYLIC ACID
       PHOSPHORUS COMPOUNDS
       #ORGANIC PHOSPHORUS COMPOUNDS
       ..PHOSPHAZENE
       ..PHOSPHENE
       ..PHOSPHONITRILES
       ..URIDYLIC ACID
  RT % CHEMICAL COMPOUNDS

ORGANIC SEMICONDUCTORS
  0603 1808 2602
  GS   SEMICONDUCTORS (MATERIALS)
       #ORGANIC SEMICONDUCTORS
  RT % CHEMICAL COMPOUNDS
       CONDUCTING POLYMERS
       CONDUCTORS
       ORGANIC SUPERCONDUCTORS
       SEMICONDUCTOR DEVICES

ORGANIC SILICON COMPOUNDS
  0603 1808
  GS   ORGANIC COMPOUNDS
       #ORGANIC SILICON COMPOUNDS
       ..TRIPHENYL SILICON
       SILICON COMPOUNDS
       #ORGANIC SILICON COMPOUNDS
       ..TRIPHENYL SILICON
  RT % CHEMICAL COMPOUNDS

ORGANIC SOLIDS
  0603
  RT   ASTRONOMICAL SPECTROSCOPY
       COSMIC DUST
       PLANETARY ATMOSPHERES
       SOLIDS

ORGANIC SULFUR COMPOUNDS
  0603 1808
  GS   ORGANIC COMPOUNDS
       #ORGANIC SULFUR COMPOUNDS
       SULFUR COMPOUNDS
       #ORGANIC SULFUR COMPOUNDS
  RT % CHEMICAL COMPOUNDS

ORGANIC SUPERCONDUCTORS
  1002 2302 2303 2603
  GS   CONDUCTORS
       .SUPERCONDUCTORS
```

.#ORGANIC SUPERCONDUCTORS
RT ORGANIC CHARGE TRANSFER SALTS
ORGANIC COMPOUNDS
ORGANIC SEMICONDUCTORS

ORGANIC TIN COMPOUNDS
1808
GS ORGANIC COMPOUNDS
#ORGANIC TIN COMPOUNDS
ORGANOMETALLIC COMPOUNDS
#ORGANIC TIN COMPOUNDS
TIN COMPOUNDS
#ORGANIC TIN COMPOUNDS
RT % CHEMICAL COMPOUNDS
% METAL COMPOUNDS

ORGANIC WASTES (FUEL CONVERSION)
0301 0403 0505 0602
RT % CONVERSION
ENERGY CONVERSION
GARBAGE
HUMAN WASTES
METABOLIC WASTES
ORGANIC COMPOUNDS
RESIDUES
SEWAGE
SLUDGE
WASTES

ORGANISMS
0402 0404 0409
RT ANIMALS
BIOMASS
CARBON CYCLE
DEEP SCATTERING LAYERS
PLANTS (BOTANY)

ORGANIZATIONS
3403
UF ASSOCIATIONS
GS #ORGANIZATIONS
.EUROPEAN SPACE AGENCY
.FEDERATIONS
..BUREAUS (ORGANIZATIONS)
.ISRO
.NORTH ATLANTIC TREATY
ORGANIZATION (NATO)
.WORLD METEOROLOGICAL ORGANIZATION
RT TEAMS
UNITED NATIONS

ORGANIZING
3401 3402 3403 3406
RT PERSONNEL
UNIONIZATION

ORGANOMETALLIC COMPOUNDS
1703 1808
UF METALLORGANIC COMPOUNDS
GS #ORGANOMETALLIC COMPOUNDS
.CHLOROPHYLLS
.FERROCENES
..ALKYLFERROCENE
.HEMOGLOBIN
..CARBOXYHEMOGLOBIN
..OXYHEMOGLOBIN
.METALLOXANE POLYMER
.ORGANIC ALUMINUM COMPOUNDS
.ORGANIC GERMANIUM COMPOUNDS
.ORGANIC LITHIUM COMPOUNDS
.ORGANIC TIN COMPOUNDS
.PORPHINES
RT CHELATES
% CHEMICAL COMPOUNDS
% METAL COMPOUNDS
METALLOIDS
METALLOSILOXANE POLYMER
METALORGANIC CHEMICAL VAPOR
DEPOSITION
ORGANIC COMPOUNDS
SYNTHETIC METALS
TETRABUTYLS

ORGANOMETALLIC POLYMERS
1704 1808 1810
RT POLYCARBOSILANES
% POLYMERS
POLYSILANES

ORGANOMETALLIC VAPOR DEPOSITION
USE METALORGANIC CHEMICAL VAPOR
DEPOSITION

ORGANS
0401 0404 0405
SN (FOR SPECIFIC ORGANS, ORGAN
SUBSTRUCTURES AND ORGAN SYSTEMS
SEE ANATOMY)
GS #ORGANS
.VISCERA
RT ANATOMY
CELLS (BIOLOGY)
CIRCULATORY SYSTEM
DIGESTIVE SYSTEM
GASTROINTESTINAL SYSTEM
GENITOURINARY SYSTEM
GLANDS (ANATOMY)
RESPIRATORY SYSTEM
SENSE ORGANS
TISSUES (BIOLOGY)

ORGEL REACTOR
USE ORGANIC COOLED REACTORS

ORGUEIL METEORITE
0401 3005 3009
GS CELESTIAL BODIES
.METEORITES
..STONY METEORITES
...CARBONACEOUS METEORITES
....CARBONACEOUS CHONDRITES
....#ORGUEIL METEORITE
...CHONDRITES
....CARBONACEOUS CHONDRITES
....#ORGUEIL METEORITE

ORIC CYCLOTRON
USE OAK RIDGE ISOCHRONOUS CYCLOTRON

% ORIENTATION
0408 0502
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ALIGNMENT
ATTITUDE (INCLINATION)
AZIMUTH
BEARING (DIRECTION)
BRAGG ANGLE
COLLIMATION
CRYSTALLOGRAPHY
DIRECTIVITY
EDUCATION
FIBER ORIENTATION
FIELD STRENGTH
HORIZONTAL ORIENTATION
INSTRUMENT ORIENTATION
ISOTROPY
OPTICAL PROPERTIES
ORBITAL POSITION ESTIMATION
PLY ORIENTATION
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
POSITION (LOCATION)
POSITIONING
SOUND LOCALIZATION
VERTICAL ORIENTATION
VERTICAL PERCEPTION
VISUAL PERCEPTION

ORIFICE FLOW
1202 1203 1204
GS FLUID FLOW
#ORIFICE FLOW
RT CHOKED FLOW

CRITICAL FLOW
% FLOW
GAS FLOW
GRAZING FLOW
LAMINAR FLOW
LIQUID FLOW
MULTIPHASE FLOW
ORIFICES
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNSTEADY FLOW

ORIFICES
0101 0404 1201 1202 1305 1504 2806
RT ANNULAR DUCTS
APERTURES
CAVITIES
CHOKES (FUEL SYSTEMS)
CHOKES (RESTRICTIONS)
DUCTS
FLOW MEASUREMENT
FLOWMETERS
GAPS
INJECTORS
% NOZZLES
OPENINGS
% OPERATIONS
ORIFICE FLOW
PORTS (OPENINGS)
SPRAY NOZZLES
THROATS
VENTURI TUBES

ORIGIN OF PLASMAS IN EARTH NEIGHBORHOOD
USE OPEN PROJECT

% ORIGINS
0404 1902
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CAUSES
COORDINATES
DERIVATION
GRAPHS (CHARTS)

ORION (RADIO INTERFEROMETRY NETWORK)
1405
RT RADIO INTERFEROMETERS
RADIO RECEIVERS
TRACKING NETWORKS

ORION AIRCRAFT
USE P-3 AIRCRAFT

ORION CONSTELLATION
3001 3009
GS CONSTELLATIONS
#ORION CONSTELLATION
RT OPIK THEORY
ORION NEBULA
SIGMA ORIONIS

ORION NEBULA
3001
GS CELESTIAL BODIES
.NEBULAE
.#ORION NEBULA
HYDROGEN CLOUDS
#ORION NEBULA
RT ASTROPHYSICS
CASSIOPEIA A
CRAB NEBULA
GALAXIES
GUM NEBULA
INTERSTELLAR GAS
INTERSTELLAR MATTER
IRREGULAR GALAXIES
MAGELLANIC CLOUDS
MILKY WAY GALAXY
OPIK THEORY
ORION CONSTELLATION
PLANETARY NEBULAE
STELLAR CORONAS
SUPERNOVAE

ORIONID METEOROIDS
3001 3005
GS CELESTIAL BODIES
.METEOROID SHOWERS
.#ORIONID METEOROIDS
.METEOROIDS
.#ORIONID METEOROIDS
RT AQUARID METEOROIDS

ORLICZ SPACE
1902
RT SET THEORY

ORNITHOPTER AIRCRAFT
USE RESEARCH AIRCRAFT

ORNSTEIN-UHLENBECK PROCESS
2307 2401 2405
RT % PROCESSES

OROGRAPHIC CLOUDS
USE CAP CLOUDS

OROGRAPHY
1304 1305 1308 1306
GS GEOGRAPHY
#OROGRAPHY
GEOLOGY
#OROGRAPHY
RT CONES (VOLCANOES)
GEOMORPHOLOGY
ISOSTASY
MARS VOLCANOES
MOUNTAINS
PEAKS (LANDFORMS)
VOLCANOES
VOLCANOLOGY

ORR-SOMMERFELD EQUATIONS
1202 1203
RT % EQUATIONS
FLOW DISTORTION
FLOW STABILITY
FLOW THEORY
QUANTUM MECHANICS
VELOCITY DISTRIBUTION

ORRERIES
USE ASTRONOMICAL MODELS

ORTHICONS
0701 0702 0905
GS ELECTRON TUBES
.CAMERA TUBES
.#ORTHICONS
...IMAGE ORTHICONS
RT IMAGE INTENSIFIERS
PHOTOCATHODES
TELEVISION CAMERAS
TELEVISION EQUIPMENT

ORTHO HYDROGEN
0603
GS GASES
#ORTHO HYDROGEN
RT HYDROGEN

ORTHO PARA CONVERSION
0403 0602 0603
GS ISOMERIZATION
#ORTHO PARA CONVERSION
RT % CONVERSION
PARA HYDROGEN

ORTHOGONAL FUNCTIONS
1902
GS ANALYSIS (MATHEMATICS)
.COMPLEX VARIABLES
.#ORTHOGONAL FUNCTIONS
FUNCTIONS (MATHEMATICS)
#ORTHOGONAL FUNCTIONS
..WALSH FUNCTION
RT BESSEL FUNCTIONS
EXPONENTIAL FUNCTIONS
FUNCTION SPACE
HANKEL FUNCTIONS
HYPERBOLIC FUNCTIONS
LAGUERRE FUNCTIONS
LEGENDRE FUNCTIONS
LINEAR TRANSFORMATIONS
MATHIEU FUNCTION
ORTHOGONALITY
ORTHONORMAL FUNCTIONS
QUALITY CONTROL

ORTHOGONAL MULTIPLEXING THEORY
0702 0705 0710 1002 2402
RT PULSE COMMUNICATION
SIGNAL TRANSMISSION
% THEORIES
WAVE INTERACTION
WAVELENGTH DIVISION MULTIPLEXING

ORTHOGONALITY
1902 4001
UF KRONECKER PRODUCT
GS MOMENTS
.DISTRIBUTION MOMENTS
.#ORTHOGONALITY
RT COVARIANCE
EXPERIMENT DESIGN
FACTOR ANALYSIS
ORTHOGONAL FUNCTIONS
QUALITY CONTROL

ORTHOGRAPHY
3405
GS LANGUAGES
#ORTHOGRAPHY
RT HANDWRITING
INTELLIGIBILITY
LINGUISTICS
SEMANTICS
SYNTAX
WORDS (LANGUAGE)

ORTHONORMAL FUNCTIONS
1902 2311
GS FUNCTIONS (MATHEMATICS)
#ORTHONORMAL FUNCTIONS
RT ORTHOGONAL FUNCTIONS
WAVELET ANALYSIS

ORTHOPEDICS
0404 0405 0408
GS MEDICAL SCIENCE
#ORTHOPEDICS

ORTHOPHOTOGRAPHY
1407 3501
GS PHOTOGRAPHY
#ORTHOPHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
COLOR PHOTOGRAPHY
MAPPING

ORTHOSTATIC TOLERANCE
0401 0405 0408
RT BED REST
BLOOD PRESSURE
HEAD DOWN TILT
HUMAN TOLERANCES
LOWER BODY NEGATIVE PRESSURE
POSTURE
TOLERANCES (PHYSIOLOGY)

ORTHOTROPIC CYLINDERS
3203
RT % CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
ROCKET ENGINE CASES

ORTHOTROPIC PLATES
3203
GS STRUCTURAL MEMBERS
.PLATES (STRUCTURAL MEMBERS)
.#ORTHOTROPIC PLATES

ORTHOTROPIC SHELLS
3203
GS SHELLS (STRUCTURAL FORMS)
#ORTHOTROPIC SHELLS
RT CYLINDRICAL SHELLS
METAL SHELLS
REINFORCED SHELLS
SHELL STABILITY
THIN WALLED SHELLS

ORTHOTROPISM
0409 3408
RT PLATES (STRUCTURAL MEMBERS)

OSCILLATING CYLINDERS
2308 3203
RT % CYLINDERS
CYLINDRICAL BODIES
CYLINDRICAL SHELLS
OSCILLATIONS
VIBRATION

OSCILLATING FLOW
1201 1202 1203
GS FLUID FLOW
.UNSTEADY FLOW
.#OSCILLATING FLOW
RT BUFFETING
COMPRESSIBILITY EFFECTS
FLOW DISTORTION
NONEQUILIBRIUM FLOW
SMALL PERTURBATION FLOW
STROUHAL NUMBER

OSCILLATION DAMPERS
1504
RT % ABSORBERS
% DAMPERS
MAXWELL BODIES
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
NUTATION DAMPERS
SPRINGS (ELASTIC)
VIBRATION ISOLATORS

OSCILLATIONS
0503 0905 1003 2301 2402 3204
UF PHUGOID OSCILLATIONS
GS #OSCILLATIONS
.AIRFOIL OSCILLATIONS
..WING OSCILLATIONS
.ELECTRON OSCILLATIONS
.HARMONIC OSCILLATION
.HYDROFOIL OSCILLATIONS
.MOLECULAR OSCILLATIONS
.NONOSCILLATORY ACTION
.NONSTABILIZED OSCILLATION
.PLASMA OSCILLATIONS
.PRESSURE OSCILLATIONS
.SELF OSCILLATION
.SOUTHERN OSCILLATION
.STABLE OSCILLATIONS
.STELLAR OSCILLATIONS
..SOLAR OSCILLATIONS
.TRANSIENT OSCILLATIONS
.TRANSVERSE OSCILLATION
..H WAVES
.UNDAMPED OSCILLATIONS
RT AMPLITUDES

BRUNT-VAISALA FREQUENCY
CRYSTAL OSCILLATORS
DAMPING
FEEDBACK
% MOTION
NONUNIFORMITY
ORBITAL RESONANCES (CELESTIAL MECHANICS)
OSCILLATING CYLINDERS
OSCILLATORS
PENDULUMS
PERIODIC VARIATIONS
PERTURBATION
RESONANCE
RESONANT VIBRATION
% RHYTHM
SPACECRAFT MOTION
SPRINGS (ELASTIC)
SYNTONY
TRAVELING WAVE TUBES
VIBRATION
VIBRATION TESTS

OSCILLATOR STRENGTHS
2401
RT ABSORPTION SPECTRA
ABSORPTIVITY
ELECTRON OSCILLATIONS
ELECTRON TRANSITIONS
LINE SPECTRA
MOLECULAR OSCILLATIONS
MOLECULAR OSCILLATORS
OSCILLATORS
SPECTRAL LINE WIDTH

OSCILLATORS
0904 1201
UF WAVE OSCILLATORS
GS #OSCILLATORS
.AUTODYNES
.CRYSTAL OSCILLATORS
..PIEZOELECTRIC CRYSTALS
.HARMONIC OSCILLATORS
.MECHANICAL OSCILLATORS
..PENDULUMS
...GYROSCOPIC PENDULUMS
.MICROWAVE OSCILLATORS
..MAGNETRONS
...NIGOTRONS
.MOLECULAR OSCILLATORS
.RELAXATION OSCILLATORS
..PHANTASTRONS
.SYNCHRONIZED OSCILLATORS
.VACUUM TUBE OSCILLATORS
.VOLTAGE CONTROLLED OSCILLATORS
RT AMPLIFIERS
AUTOMATIC FREQUENCY CONTROL
CAVITY RESONATORS
CIRCUITS
ELECTRON TUBES
FEEDBACK
FEEDBACK AMPLIFIERS
FLIP-FLOPS
FREQUENCY PULLING
FREQUENCY STABILITY
FREQUENCY SYNTHESIZERS
HARMONIC GENERATORS
INVERTERS
MICROWAVE TUBES
% MOTION
MULTIVIBRATORS
NEGATIVE FEEDBACK
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
OSCILLATIONS
OSCILLATOR STRENGTHS
PARAMETRONS
PERIODIC VARIATIONS
PERTURBATION
POSITIVE FEEDBACK
RESONANT FREQUENCIES
RESONATORS
SELF EXCITATION
SEMICONDUCTOR DEVICES
SIGNAL GENERATORS
SOLID STATE DEVICES
SUBHARMONIC GENERATORS
SUPERCONDUCTING CAVITY RESONATORS
TRANSFORMERS
VIBRATION

OSCILLOGRAMS
USE OSCILLOGRAPHS

OSCILLOGRAPHS
0905 2402
UF OSCILLOGRAMS
GS MEASURING INSTRUMENTS
#OSCILLOGRAPHS
RECORDING INSTRUMENTS
#OSCILLOGRAPHS
RT BARKHAUSEN EFFECT
ELECTRICAL MEASUREMENT
OSCILLOSCOPES
TIME MEASUREMENT

OSCILLOSCOPES
0905 2402
RT CATHODE RAY TUBES
ELECTRONIC EQUIPMENT TESTS
FLYING SPOT SCANNERS
FREQUENCY ANALYZERS
OSCILLOGRAPHS
SWEEP CIRCUITS
SWEEP FREQUENCY
SYNCHROSCOPES
VIDEO EQUIPMENT

OSCULATIONS
USE DOUBLE CUSPS

OSEEN APPROXIMATION
1202 1203 1902
GS ANALYSIS (MATHEMATICS)
.NUMERICAL ANALYSIS
..APPROXIMATION
..#OSEEN APPROXIMATION
RT INCOMPRESSIBLE FLUIDS
NAVIER-STOKES EQUATION
ROSHKO PREDICTION
STOKES FLOW
VISCOUS FLUIDS

OSMIUM
0603 1703
GS CHEMICAL ELEMENTS
#OSMIUM
..OSMIUM ISOTOPES
METALS
.REFRACTORY METALS
.#OSMIUM
...OSMIUM ISOTOPES
.TRANSITION METALS
.#OSMIUM
...OSMIUM ISOTOPES
REFRACTORY MATERIALS
.REFRACTORY METALS
.#OSMIUM
...OSMIUM ISOTOPES

OSMIUM ALLOYS
1701 1704
GS ALLOYS
.HEAT RESISTANT ALLOYS
..REFRACTORY METAL ALLOYS
..#OSMIUM ALLOYS
REFRACTORY MATERIALS
.REFRACTORY METAL ALLOYS
.#OSMIUM ALLOYS

OSMIUM COMPOUNDS
0603 1804
RT % CHEMICAL COMPOUNDS
% GROUP 8 COMPOUNDS
% METAL COMPOUNDS

```
OSMIUM ISOTOPES
  0603 1703 2406
  GS    CHEMICAL ELEMENTS
        .OSMIUM
        .#OSMIUM ISOTOPES
        METALS
        .REFRACTORY METALS
        ..OSMIUM
        ..#OSMIUM ISOTOPES
        .TRANSITION METALS
        ..OSMIUM
        ..#OSMIUM ISOTOPES
        REFRACTORY MATERIALS
        .REFRACTORY METALS
        ..OSMIUM
        ..#OSMIUM ISOTOPES

OSMOMETERS
  0501
  GS    MEASURING INSTRUMENTS
        .PRESSURE GAGES
        .#OSMOMETERS

OSMOSIS
  0404 0602
  UF    HYPERTONIA
        OSMOTIC PRESSURE
  GS   #OSMOSIS
        .REVERSE OSMOSIS
  RT    CELL MEMBRANES (BIOLOGY)
        DEMINERALIZING
        DESALINIZATION
        DIAPHRAGMS (MECHANICS)
        DIFFUSION
        EXTRACTION
        HOMEOSTASIS
        ISOTONICITY
        MEMBRANES
        PERMEATING
        PRESSURE
      % SEPARATION
        WATER BALANCE

OSMOTIC PRESSURE
  USE   OSMOSIS

OSO
  3001 3107 3409
  UF    ORBITING SOLAR OBSERVATORY
  GS    ARTIFICIAL SATELLITES
        .GEOPHYSICAL SATELLITES
        .#OSO
        ...OSO-C
        ...OSO-1
        ...OSO-2
        ...OSO-3
        ...OSO-4
        ...OSO-5
        ...OSO-6
        ...OSO-7
        ...OSO-8
        OBSERVATORIES
        .ASTRONOMICAL OBSERVATORIES
        ..ASTRONOMICAL SATELLITES
        ..#OSO
        ....AOSO
        ....OSO-1
        ....OSO-2
        ....OSO-3
        ....OSO-4
        ....OSO-5
        ....OSO-6
        ....OSO-7
        ....OSO-8
        .GEOPHYSICAL OBSERVATORIES
        .#OSO
        ...OSO-C
        ...OSO-1
        ...OSO-2
        ...OSO-3
        ...OSO-4
        ...OSO-5
        ...OSO-6
        ...OSO-7
        ...OSO-8
        .SOLAR OBSERVATORIES
        .#OSO
        ...AOSO
        ...OSO-C
        ...OSO-1
        ...OSO-2
        ...OSO-3
        ...OSO-4
        ...OSO-5
        ...OSO-6
        ...OSO-7
        ...OSO-8
  RT    SUN
        THOR DELTA LAUNCH VEHICLE

OSO-A
  USE   OSO-1

OSO-B
  USE   OSO-2

OSO-C
  3001 3009 3107 3409
  UF    S-57 SATELLITE
  GS    ARTIFICIAL SATELLITES
        .GEOPHYSICAL SATELLITES
        ..OSO
        ..#OSO-C
        OBSERVATORIES
        .GEOPHYSICAL OBSERVATORIES
        ..OSO
        ..#OSO-C
        .SOLAR OBSERVATORIES
        ..OSO
        ..#OSO-C
  RT    DELTA LAUNCH VEHICLE

OSO-D
  USE   OSO-4

OSO-E
  USE   OSO-3

OSO-F
  USE   OSO-5

OSO-G
  USE   OSO-6

OSO-H
  USE   OSO-7

OSO-J
  USE   OSO-8

OSO-1
  3001 3009 3107
  UF    OSO-A
        S-16 SATELLITE
  GS    ARTIFICIAL SATELLITES
        .GEOPHYSICAL SATELLITES
        ..OSO
        ..#OSO-1
        OBSERVATORIES
        .ASTRONOMICAL OBSERVATORIES
        ..ASTRONOMICAL SATELLITES
        ...OSO
        ...#OSO-1
        .GEOPHYSICAL OBSERVATORIES
        ..OSO
        ..#OSO-1
        .SOLAR OBSERVATORIES
        ..OSO
        ..#OSO-1
  RT    DELTA LAUNCH VEHICLE

OSO-2
  3001 3009 3107 3409
  UF    OSO-B
```

```
      S-17 SATELLITE
  GS  ARTIFICIAL SATELLITES
      .GEOPHYSICAL SATELLITES
      ..OSO
      ..#OSO-2
      OBSERVATORIES
      .ASTRONOMICAL OBSERVATORIES
      ..ASTRONOMICAL SATELLITES
      ...OSO
      ...#OSO-2
      .GEOPHYSICAL OBSERVATORIES
      ..OSO
      ..#OSO-2
      .SOLAR OBSERVATORIES
      ..OSO
      ..#OSO-2
  RT  DELTA LAUNCH VEHICLE

OSO-3
  3001 3107 3009 3107 3409
  UF  OSO-E
  GS  ARTIFICIAL SATELLITES
      .GEOPHYSICAL SATELLITES
      ..OSO
      ..#OSO-3
      OBSERVATORIES
      .ASTRONOMICAL OBSERVATORIES
      ..ASTRONOMICAL SATELLITES
      ...OSO
      ...#OSO-3
      .GEOPHYSICAL OBSERVATORIES
      ..OSO
      ..#OSO-3
      .SOLAR OBSERVATORIES
      ..OSO
      ..#OSO-3

OSO-4
  1308 3009 3107 3108 3001 3107
  UF  OSO-D
  GS  ARTIFICIAL SATELLITES
      .GEOPHYSICAL SATELLITES
      ..OSO
      ..#OSO-4
      OBSERVATORIES
      .ASTRONOMICAL OBSERVATORIES
      ..ASTRONOMICAL SATELLITES
      ...OSO
      ...#OSO-4
      .GEOPHYSICAL OBSERVATORIES
      ..OSO
      ..#OSO-4
      .SOLAR OBSERVATORIES
      ..OSO
      ..#OSO-4
  RT  DELTA LAUNCH VEHICLE

OSO-5
  3107 3108 3009
  UF  OSO-F
  GS  ARTIFICIAL SATELLITES
      .GEOPHYSICAL SATELLITES
      ..OSO
      ..#OSO-5
      OBSERVATORIES
      .ASTRONOMICAL OBSERVATORIES
      ..ASTRONOMICAL SATELLITES
      ...OSO
      ...#OSO-5
      .GEOPHYSICAL OBSERVATORIES
      ..OSO
      ..#OSO-5
      .SOLAR OBSERVATORIES
      ..OSO
      ..#OSO-5

OSO-6
  1308 3107 3108 3009
  UF  OSO-G
  GS  ARTIFICIAL SATELLITES
      .GEOPHYSICAL SATELLITES
      ..OSO
      ..#OSO-6
      OBSERVATORIES
      .ASTRONOMICAL OBSERVATORIES
      ..ASTRONOMICAL SATELLITES
      ...OSO
      ...#OSO-6
      .GEOPHYSICAL OBSERVATORIES
      ..OSO
      ..#OSO-6
      .SOLAR OBSERVATORIES
      ..OSO
      ..#OSO-6

OSO-7
  3107 3108 3001 3009 3107 3409
  UF  OSO-H
  GS  ARTIFICIAL SATELLITES
      .GEOPHYSICAL SATELLITES
      ..OSO
      ..#OSO-7
      OBSERVATORIES
      .ASTRONOMICAL OBSERVATORIES
      ..ASTRONOMICAL SATELLITES
      ...OSO
      ...#OSO-7
      .GEOPHYSICAL OBSERVATORIES
      ..OSO
      ..#OSO-7
      .SOLAR OBSERVATORIES
      ..OSO
      ..#OSO-7
  RT  DUAL SPIN SPACECRAFT

OSO-8
  3107 3009 3107 3409
  UF  OSO-J
  GS  ARTIFICIAL SATELLITES
      .GEOPHYSICAL SATELLITES
      ..OSO
      ..#OSO-8
      OBSERVATORIES
      .ASTRONOMICAL OBSERVATORIES
      ..ASTRONOMICAL SATELLITES
      ...OSO
      ...#OSO-8
      .GEOPHYSICAL OBSERVATORIES
      ..OSO
      ..#OSO-8
      .SOLAR OBSERVATORIES
      ..OSO
      ..#OSO-8

OSPREY AIRCRAFT
  USE V-22 AIRCRAFT

OSPREY MISSILE
  3101 3401
  GS  MISSILES
      #OSPREY MISSILE
  RT  J-85 ENGINE

OSS-1 PAYLOAD
  3009
  GS  PAYLOADS
      .SPACE SHUTTLE PAYLOADS
      .#OSS-1 PAYLOAD
  RT  EXPLORATION
      GET AWAY SPECIALS (STS)
      INVESTIGATION
      NASA PROGRAMS
      SPACE TRANSPORTATION SYSTEM
      SPACEBORNE EXPERIMENTS

OSTA-1 PAYLOAD
  3104
  SN  (OFFICE OF SPACE & TERRESTRIAL
      APPLICATIONS PAYLOADS)
  UF  OFFICE OF SPACE & TERRESTR APPLIC
      PAYLOADS
  GS  PAYLOADS
      .SPACE SHUTTLE PAYLOADS
      .#OSTA-1 PAYLOAD
  RT  SPACE TRANSPORTATION SYSTEM
```

SPACEBORNE EXPERIMENTS

OSTA-2 PAYLOAD
3107
SN (OFFICE OF SPACE & TERRESTRIAL APPLICATIONS PAYLOADS)
UF OFFICE OF SPACE & TERRESTR APPLIC PAYLOADS
GS PAYLOADS
#OSTA-2 PAYLOAD
RT SPACE TRANSPORTATION SYSTEM
SPACELAB

OSTA-3 PAYLOAD
3104 3107
SN (OFFICE OF SPACE & TERRESTRIAL APPLICATIONS PAYLOADS)
UF OFFICE OF SPACE & TERRESTR APPLIC PAYLOADS
GS PAYLOADS
.SPACE SHUTTLE PAYLOADS
.#OSTA-3 PAYLOAD
RT REMOTE SENSING
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS
SPACECRAFT EQUIPMENT

OSTEOPOROSIS
0403
GS DISEASES
#OSTEOPOROSIS
RT BONE DEMINERALIZATION
BONE MINERAL CONTENT
BONES
CALCIUM METABOLISM
METABOLISM

OT-2
USE ESSA 2 SATELLITE

OT-3
USE ESSA 1 SATELLITE

OTF
USE OPTICAL TRANSFER FUNCTION

OTOLARYNGOLOGY
0404 0405 0408
GS MEDICAL SCIENCE
#OTOLARYNGOLOGY
RT EAR

OTOLITH ORGANS
0402 0404
GS ANATOMY
.SENSE ORGANS
..EAR
...LABYRINTH
...#OTOLITH ORGANS
..GRAVIRECEPTORS
..#OTOLITH ORGANS
RECEPTORS (PHYSIOLOGY)
.GRAVIRECEPTORS
.#OTOLITH ORGANS
RT OCULOGRAVIC ILLUSIONS
ORBITING FROG OTOLITH
SEMICIRCULAR CANALS
VERTICAL PERCEPTION

OTOLOGY
0404 0405 0408
GS MEDICAL SCIENCE
#OTOLOGY
RT EAR

OTS (ESA)
3107 3409
UF ORBITAL TEST SATELLITE (ESA)
GS ARTIFICIAL SATELLITES
.ESA SATELLITES
.#OTS (ESA)
ESA SPACECRAFT
.ESA SATELLITES
.#OTS (ESA)
RT EUROPEAN COMMUNICATIONS SATELLITE
EUROPEAN SPACE PROGRAMS

OTTO CYCLE
2701 2801
GS CYCLES
.THERMODYNAMIC CYCLES
.#OTTO CYCLE
RT RANKINE CYCLE

OTV
USE ORBIT TRANSFER VEHICLES

OUTCROPS
1305 1306
RT FOLDS (GEOLOGY)
FORMATIONS
GEOLOGY

OUTER BANKS (NC)
1301
GS LANDFORMS
.BARRIERS (LANDFORMS)
.#OUTER BANKS (NC)
RT ATLANTIC OCEAN
ISLANDS
NORTH CAROLINA

OUTER PLANET MISSIONS
USE GRAND TOURS

OUTER PLANET SPACECRAFT
USE OUTER PLANETS EXPLORERS

OUTER PLANETS EXPLORERS
3107 3409 3009
UF OUTER PLANET SPACECRAFT
PLANETARY EXPLORER
RT DELTA LAUNCH VEHICLE
EXPLORER SATELLITES
FLYBY MISSIONS
GRAND TOURS
INTERPLANETARY FLIGHT
MARS PROBES
% SPACECRAFT
TOPS (SPACECRAFT)
VENUS PROBES

OUTER RADIATION BELT
1302 2903 3009
GS PARTICLES
.CHARGED PARTICLES
..MAGNETICALLY TRAPPED PARTICLES
...RADIATION BELTS
...#OUTER RADIATION BELT
.TRAPPED PARTICLES
..MAGNETICALLY TRAPPED PARTICLES
...RADIATION BELTS
...#OUTER RADIATION BELT
RT ARTIFICIAL RADIATION BELTS
INNER RADIATION BELT
PROTON BELTS
% RADIATION

OUTER SPACE TREATY
3402 3404
GS FOREIGN POLICY
.INTERNATIONAL RELATIONS
..INTERNATIONAL COOPERATION
..#OUTER SPACE TREATY
RT CONVENTIONS
INTERNATIONAL LAW
RESEARCH AND DEVELOPMENT
RESOURCE ALLOCATION
SPACE LAW

OUTGASSING
0905 3404
RT DEGASSING
DESORPTION
EVOLUTION (LIBERATION)

GAS EVOLUTION
PURGING
RESIDUAL GAS
TRANSPIRATION
VACUUM
VACUUM PUMPS

OUTLET FLOW
0902 0904
GS FLUID FLOW
#OUTLET FLOW
RT CASCADE FLOW
CHANNEL FLOW
% FLOW
FLOW CHARACTERISTICS
NOZZLE FLOW

OUTLETS
0902 0904
GS #OUTLETS
.VENTS
RT APERTURES
CAVITIES
% DISCHARGE
DOORS
DUCTS
EGRESS
EXHAUST NOZZLES
EXHAUST SYSTEMS
GATES (OPENINGS)
% NOZZLES
OPENINGS
OUTPUT
PIPE NOZZLES
PLUGS
PORTS (OPENINGS)
% TERMINALS

OUTLETS (GEOLOGY)
USE ESTUARIES

OUTLIERS (LANDFORMS)
1305 1306
UF KLIPPEN
GS LANDFORMS
#OUTLIERS (LANDFORMS)
RT FORMATIONS
ROCKS
SOIL EROSION

OUTLIERS (STATISTICS)
1902
RT MATHEMATICAL MODELS
PROBABILITY THEORY
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS
STATISTICAL TESTS

OUTPUT
0702 1001 1003 0803
UF DUMMY LOADS
GS #OUTPUT
.CARDIAC OUTPUT
..HEART MINUTE VOLUME
..STROKE VOLUME
.LASER OUTPUTS
.MASER OUTPUTS
RT % CAPACITY
CATCHERS
COMPUTER SYSTEMS PERFORMANCE
DELIVERY
EFFLUX
INPUT
OUTLETS
% PERFORMANCE
POWER CONDITIONING
PRINTOUTS
% PRODUCTION
PRODUCTS
READOUT
SUPPLYING
TRACKING PROBLEM
TRANSFER FUNCTIONS
TRANSMISSION
YIELD

OV-1 AIRCRAFT
0207 3401
UF AO-1 AIRCRAFT
GRUMMAN OV-1C AIRCRAFT
MOHAWK AIRCRAFT
GS GRUMMAN AIRCRAFT
#OV-1 AIRCRAFT
JET AIRCRAFT
.TURBOPROP AIRCRAFT
.#OV-1 AIRCRAFT
MONOPLANES
#OV-1 AIRCRAFT
OBSERVATION AIRCRAFT
#OV-1 AIRCRAFT
RT % AIRCRAFT

OV-1 SATELLITES
3107
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
.#OV-1 SATELLITES
RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-2 SATELLITES
3107
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
.#OV-2 SATELLITES
RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-3 SATELLITES
3107
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
.#OV-3 SATELLITES
RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-4 SATELLITES
3107
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
.#OV-4 SATELLITES
RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-5 SATELLITES
3107
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
.#OV-5 SATELLITES
RT GRAVITY GRADIENT SATELLITES
SPIN STABILIZATION

OV-10 AIRCRAFT
0207
UF NA-300 AIRCRAFT
GS ATTACK AIRCRAFT
#OV-10 AIRCRAFT
COIN AIRCRAFT
#OV-10 AIRCRAFT
JET AIRCRAFT
.TURBOPROP AIRCRAFT
.#OV-10 AIRCRAFT
MONOPLANES
#OV-10 AIRCRAFT
NORTH AMERICAN AIRCRAFT
#OV-10 AIRCRAFT
OBSERVATION AIRCRAFT
#OV-10 AIRCRAFT
RECONNAISSANCE AIRCRAFT
#OV-10 AIRCRAFT
RT % AIRCRAFT

OVARIES
0404 0405
GS ANATOMY

.GENITOURINARY SYSTEM
..REPRODUCTIVE SYSTEMS
...SEX GLANDS
....GONADS
....#OVARIES
.GLANDS (ANATOMY)
..ENDOCRINE GLANDS
...GONADS
...#OVARIES
..SEX GLANDS
...GONADS
...#OVARIES
RT EGGS
MENSTRUATION

OVENS
1504 1704 3303 3404
GS HEATING EQUIPMENT
#OVENS
RT BAKING
DRY HEAT
FURNACES
WASTE ENERGY UTILIZATION

OVER-THE-HORIZON RADAR
0705
GS RADAR
.SEARCH RADAR
.#OVER-THE-HORIZON RADAR
RT EARLY WARNING SYSTEMS
MOVING TARGET INDICATORS
OPTICAL RADAR
RADAR DETECTION
RADAR RANGE

OVERCAST
USE CLOUD COVER

OVERCOMPRESSION
USE OVERCONSOLIDATION

OVERCONSOLIDATION
3407
UF OVERCOMPRESSION
RT CONSOLIDATION
FOUNDATIONS

OVERHAUSER EFFECT
0710
RT % EFFECTS
MAGNETIC RESONANCE
NUCLEAR SPIN
% POLARIZATION
RESONANCE

OVERPRESSURE
0710 1201 1202 1203 1308
GS PRESSURE
#OVERPRESSURE
RT BLAST LOADS
DYNAMIC PRESSURE

OVERTONES
USE HARMONICS

OVERVOLTAGE
0602 1001 2304
RT CIRCUIT PROTECTION
DECOMPOSITION
ELECTRIC POTENTIAL
GEIGER COUNTERS
OPEN CIRCUIT VOLTAGE
POLARIZATION (CHARGE SEPARATION)
SURGES

OXALATES
0603 1808
GS #OXALATES
.COBALT OXALATES
RT OXALIC ACID
% OXYGEN COMPOUNDS

OXALIC ACID
0403 1808
GS ACIDS
.CARBOXYLIC ACIDS
.#OXALIC ACID
ORGANIC COMPOUNDS
.CARBOXYLIC ACIDS
.#OXALIC ACID
RT OXALATES

OXAMIC ACIDS
1808
GS ACIDS
.CARBOXYLIC ACIDS
.#OXAMIC ACIDS
NITROGEN COMPOUNDS
.AMIDES
.#OXAMIC ACIDS
ORGANIC COMPOUNDS
.CARBOXYLIC ACIDS
.#OXAMIC ACIDS

OXAZOLE
0403 0603 1808
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...AZOLES
...#OXAZOLE

OXIDASE
0403 0603 1808
GS ACIDS
#OXIDASE
BIOPOLYMERS
.PROTEINS
..ENZYMES
..#OXIDASE
ORGANIC COMPOUNDS
.PROTEINS
..ENZYMES
..#OXIDASE

OXIDATION
0603 1702 3301 3407
GS CHEMICAL REACTIONS
#OXIDATION
..ELECTROCHEMICAL OXIDATION
..PHOTOOXIDATION
..RUSTING
RT ASSOCIATION REACTIONS
CHARRING
CHEMICAL ATTACK
COMBUSTION
COMBUSTION CHEMISTRY
CORROSION
DEGRADATION
DEHYDROGENATION
DOPA
ELECTRON TRANSFER
EPOXIDATION
EROSIVE BURNING
FUEL COMBUSTION
HOT CORROSION
HYDROCARBON COMBUSTION
METAL COMBUSTION
OXIDIZERS
OXYGENATION
PASSIVITY
REDUCTION (CHEMISTRY)
ROASTING
THERMAL RESISTANCE
TURBULENT COMBUSTION

OXIDATION RESISTANCE
0602
GS CORROSION RESISTANCE
#OXIDATION RESISTANCE
RT PASSIVITY
% RESISTANCE
RUSTING
SILICONIZING
THERMAL RESISTANCE

OXIDATION-REDUCTION REACTIONS
0603
GS CHEMICAL REACTIONS
#OXIDATION-REDUCTION REACTIONS
RT ELECTROCHEMISTRY
REDUCTION (CHEMISTRY)

OXIDE DISPERSION STRENGTHENING
1701 1704
GS DISPERSION STRENGTHENING
#OXIDE DISPERSION STRENGTHENING
RT ALLOYS
HARDENING (MATERIALS)
HEAT RESISTANT ALLOYS

OXIDE FILMS
1503 1506 1802
RT CATHODIC COATINGS
% FILMS
METAL OXIDES
METAL SURFACES
SURFACE LAYERS
THIN FILMS

OXIDES
0603 1704 1805
GS CHALCOGENIDES
#OXIDES
..ANHYDRIDES
...PEROXIDES
....INORGANIC PEROXIDES
....ORGANIC PEROXIDES
....SODIUM PEROXIDES
..BORON OXIDES
..BRUCITE
..CARBON MONOXIDE
..CARBON SUBOXIDES
..CHLORINE OXIDES
..DIOXIDES
...CARBON DIOXIDE
...FLINT
...HYDROGEN PEROXIDE
...SILICON DIOXIDE
....QUARTZ
.....COESITE
.....STISHOVITE
...SULFUR DIOXIDES
..GERMANIUM OXIDES
..HEAVY WATER
..METAL OXIDES
...ALKALINE EARTH OXIDES
....BARIUM OXIDES
....BERYLLIUM OXIDES
....CALCIUM OXIDES
.....AKERMANITE
....MAGNESIUM OXIDES
.....AKERMANITE
.....PERICLASE
...ALUMINUM OXIDES
....SAPPHIRE
...BISMUTH OXIDES
...CERIUM OXIDES
...CESIUM OXIDES
...CHROMIUM OXIDES
...COBALT OXIDES
...COPPER OXIDES
...GALLIUM OXIDES
...HAFNIUM OXIDES
...IRON OXIDES
....HEMATITE
....ILMENITE
....MAGNETITE
...LANTHANUM OXIDES
...LEAD OXIDES
...LITHIUM OXIDES
...MANGANESE OXIDES
....HOPCALITE (TRADEMARK)
...MERCURY OXIDES
...MIXED OXIDES
....BSCCO SUPERCONDUCTORS
....YBCO SUPERCONDUCTORS
...MOLYBDENUM OXIDES
...NICKEL OXIDES
...NIOBIUM OXIDES
...PLATINUM OXIDES
...PLUTONIUM OXIDES
...POTASSIUM OXIDES
...SCANDIUM OXIDES
...SILVER OXIDES
...SODIUM PEROXIDES
...STRONTIUM OXIDES
...TANTALUM OXIDES
...THORIUM OXIDES
...TIN OXIDES
...TITANIUM OXIDES
....ANATASE
....ILMENITE
....RUTILE
...TUNGSTEN OXIDES
....SCHEELITE
...URANIUM OXIDES
...VANADIUM OXIDES
...YTTRIUM OXIDES
...ZINC OXIDES
...ZIRCONIUM OXIDES
....YTTRIA-STABILIZED ZIRCONIA
..NITROGEN OXIDES
...NITRIC OXIDE
...NITROGEN DIOXIDE
...NITROGEN TETROXIDE
...NITROUS OXIDES
..PHOSPHORUS OXIDES
..PYROXENES
...ENSTATITE
..SELENIUM OXIDES
..SILICON OXIDES
...MUSCOVITE
...NEPHELITE
...SILICON DIOXIDE
....QUARTZ
.....COESITE
.....STISHOVITE
...SPODUMENE
..SULFUR OXIDES
...SULFUR DIOXIDES
RT ANODIC COATINGS
CATHODIC COATINGS
ETHYLENE OXIDE
EUXENITE
INSULATION
METAL COATINGS
NIOBATES
NONFLAMMABLE MATERIALS
% OXYGEN COMPOUNDS
WATER

OXIDIZERS
0603 1702 3301
GS #OXIDIZERS
.HIGH ENERGY OXIDIZERS
.LIQUID OXIDIZERS
.LIQUID OXYGEN
.PHOTOCHEMICAL OXIDANTS
.ROCKET OXIDIZERS
..FLOX
..TAGN
RT % AGENTS
AIR POLLUTION
FLUORINE
FUELS
NITRAMINE PROPELLANTS
OXIDATION

OXIMETRY
0405 0501
RT BIOCHEMICAL OXYGEN DEMAND
BLOOD
HYPEROXIA
HYPOXIA
OXYGEN CONSUMPTION

OXOSILANES
USE POLYSILANES

```
OXYACETYLENE
  0603 1808
  GS   ORGANIC COMPOUNDS
       .HYDROCARBONS
       ..ALIPHATIC HYDROCARBONS
       ...ALKYNES
       ...#OXYACETYLENE
  RT   ACETYLENE
       DETONABLE GAS MIXTURES
     % OXYGEN COMPOUNDS

OXYALKYLATION
  USE  ALKYLATION

OXYFLUORIDES
  0603
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORIDES
       ..#OXYFLUORIDES
       .HALIDES
       ..FLUORIDES
       ..#OXYFLUORIDES
  RT % OXYGEN COMPOUNDS

OXYGEN
  0603 1807
  GS   CHEMICAL ELEMENTS
       #OXYGEN
       ..LIQUID OXYGEN
       ..OXYGEN ISOTOPES
       ...OXYGEN 17
       ...OXYGEN 18
       GASES
       #OXYGEN
       ..LIQUID OXYGEN
       ..OXYGEN ISOTOPES
       ...OXYGEN 17
       ...OXYGEN 18
  RT   CHLORELLA
       HIGH PRESSURE OXYGEN
       OXYGEN ATOMS
       OXYGEN IONS
       OXYGEN PLASMA
       OZONE
       REACTION BONDING
       SCHUMANN-RUNGE BANDS
       SIALON

OXYGEN AFTERGLOW
  0602 0603 2405
  GS   AFTERGLOWS
       #OXYGEN AFTERGLOW

OXYGEN ANALYZERS
  0603 0905 1409
  UF   OXYGEN DETECTORS
  GS   MEASURING INSTRUMENTS
       #OXYGEN ANALYZERS
  RT   GAS ANALYSIS

OXYGEN ATOMS
  0603 1807 2401
  GS   ATOMS
       #OXYGEN ATOMS
  RT   OXYGEN

OXYGEN BREATHING
  0402 0404 0408
  RT % BREATHING

% OXYGEN COMPOUNDS
  0603 1804 1808
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ACIDS
       ALUMINATES
       ARSENATES
       BORATES
       BROMATES
       CARBOHYDRATES
       CARBON SUBOXIDES
       CARBONATES
     % CHEMICAL COMPOUNDS
       CHLORATES
       CHROMATES
       GERMANIUM OXIDES
       NIOBATES
       OXALATES
       OXIDES
       OXYACETYLENE
       OXYFLUORIDES
       OXYGEN FLUORIDES
       OZONATES
       OZONE FLUORIDE
       OZONIDES
       STANNATES

OXYGEN CONSUMPTION
  0404 0408 0506 0603
  GS   CONSUMPTION
       #OXYGEN CONSUMPTION
  RT   BIOCHEMICAL OXYGEN DEMAND
       HYPEROXIA
       HYPOXIA
       METABOLISM
       OXIMETRY

OXYGEN DEFICIENCY
  USE  HYPOXIA

OXYGEN DETECTORS
  USE  OXYGEN ANALYZERS

OXYGEN FLUORIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORIDES
       ..#OXYGEN FLUORIDES
       .HALIDES
       ..FLUORIDES
       ..#OXYGEN FLUORIDES
  RT % OXYGEN COMPOUNDS

OXYGEN IONS
  0603 0604 1302
  GS   IONS
       #OXYGEN IONS
  RT   FREE RADICALS
       NEGATIVE IONS
       OXYGEN

OXYGEN ISOTOPES
  0603 1804
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#OXYGEN ISOTOPES
       ....OXYGEN 18
       .OXYGEN
       .#OXYGEN ISOTOPES
       ...OXYGEN 17
       ...OXYGEN 18
       GASES
       .OXYGEN
       .#OXYGEN ISOTOPES
       ...OXYGEN 17
       ...OXYGEN 18

OXYGEN MASKS
  0202 0506 0508
  GS   BREATHING APPARATUS
       #OXYGEN MASKS
       MASKS
       #OXYGEN MASKS
       OXYGEN SUPPLY EQUIPMENT
       #OXYGEN MASKS
  RT   HIGH ALTITUDE BREATHING
       LIFE SUPPORT SYSTEMS
       PORTABLE LIFE SUPPORT SYSTEMS

OXYGEN METABOLISM
  0404
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```
  GS   METABOLISM
       #OXYGEN METABOLISM
  RT   HYDROGEN METABOLISM
       RESPIRATION

OXYGEN PLASMA
  0603 2502
  GS   PARTICLES
       .CHARGED PARTICLES
       ..ENERGETIC PARTICLES
       ...PLASMAS (PHYSICS)
       ...#OXYGEN PLASMA
  RT   ARGON PLASMA
       HELIUM PLASMA
       HYDROGEN PLASMA
       OXYGEN

OXYGEN PRODUCTION
  0404 0602
  RT   CLOSED ECOLOGICAL SYSTEMS
       GAS EXCHANGE

OXYGEN RECOMBINATION
  0602 0603
  GS   CHEMICAL REACTIONS
       .ATOMIC RECOMBINATION
       .#OXYGEN RECOMBINATION
       RECOMBINATION REACTIONS
       .ATOMIC RECOMBINATION
       .#OXYGEN RECOMBINATION
  RT   IONIZATION

OXYGEN REGULATORS
  0401 0501 0504 0507
  GS   REGULATORS
       #OXYGEN REGULATORS
  RT   FLOW REGULATORS
       PRESSURE REGULATORS

OXYGEN SPECTRA
  0603 1411 2402 2405 3009
  GS   SPECTRA
       #OXYGEN SPECTRA
  RT   AIRGLOW
       HERZBERG BANDS
       MOLECULAR SPECTRA
       SOLAR SPECTRA

OXYGEN SUPPLY EQUIPMENT
  0603 1507 3404
  UF   OXYGEN SYSTEMS
  GS  #OXYGEN SUPPLY EQUIPMENT
       .OXYGEN MASKS
  RT   AEPS
       AIR CONDITIONING EQUIPMENT
       BREATHING APPARATUS
       CABIN ATMOSPHERES
       COMPRESSED AIR
       CONTROLLED ATMOSPHERES
       EMERGENCY LIFE SUSTAINING SYSTEMS
       LIFE SUPPORT SYSTEMS
       PRESSURIZED CABINS
       SURVIVAL EQUIPMENT

OXYGEN SYSTEMS
  USE  OXYGEN SUPPLY EQUIPMENT

OXYGEN TENSION
  0402 0404 0408
  GS   PRESSURE
       .PARTIAL PRESSURE
       .#OXYGEN TENSION
       ...HYPOXEMIA

OXYGEN TOXICITY
  USE  HYPEROXIA

OXYGEN 17
  1400
  GS   CHEMICAL ELEMENTS
       .OXYGEN
       ..OXYGEN ISOTOPES
       ..#OXYGEN 17
       GASES
       .OXYGEN
       ..OXYGEN ISOTOPES
       ..#OXYGEN 17

OXYGEN 18
  0603 1807 2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ...OXYGEN ISOTOPES
       ...#OXYGEN 18
       .OXYGEN
       ..OXYGEN ISOTOPES
       ..#OXYGEN 18
       GASES
       .OXYGEN
       ..OXYGEN ISOTOPES
       ..#OXYGEN 18

OXYGEN-HYDROCARBON ROCKET ENGINES
  2804 2808
  UF   LIQUID OXYGEN HYDROCARBON ROCKET
       ENGINES
       LOX-HYDROCARBON ROCKET ENGINES
  GS   ENGINES
       .ROCKET ENGINES
       ..LIQUID PROPELLANT ROCKET ENGINES
       ..#OXYGEN-HYDROCARBON ROCKET
          ENGINES
  RT   BOOSTER ROCKET ENGINES
       LIQUID OXYGEN
       REUSABLE ROCKET ENGINES
       SPACECRAFT PROPULSION

OXYGENATION
  0602 0603
  GS   CHEMICAL REACTIONS
       #OXYGENATION
  RT   AERATION
       DISSOLVED GASES
       OXIDATION

OXYHALIDES
  0603
  GS   HALOGEN COMPOUNDS
       .HALIDES
       .#OXYHALIDES

OXYHEMOGLOBIN
  0404 0603 1808
  GS   BIOPOLYMERS
       .PROTEINS
       ..HEMOGLOBIN
       ..#OXYHEMOGLOBIN
       ORGANIC COMPOUNDS
       .PROTEINS
       ..HEMOGLOBIN
       ..#OXYHEMOGLOBIN
       ORGANOMETALLIC COMPOUNDS
       .HEMOGLOBIN
       .#OXYHEMOGLOBIN
  RT   ERYTHROCYTES

OXYNITRIDES
  0603
  GS   NITROGEN COMPOUNDS
       .NITRIDES
       .#OXYNITRIDES
  RT % CHEMICAL COMPOUNDS
     % GROUP 5A COMPOUNDS

OZONATES
  0603 1804
  RT % OXYGEN COMPOUNDS
       OZONE

OZONE
  0603 1804 2003
  GS   GASES
       #OZONE
  RT   HALOGEN OCCULTATION EXPERIMENT
```

OXYGEN
OZONATES
OZONE FLUORIDE
OZONIDES
OZONOMETRY
PHOTOCHEMICAL OXIDANTS
SAGE SATELLITE
SOLAR MESOSPHERE EXPLORER

OZONE DEPLETION
0603 1804 2003
UF OZONE HOLES
GS DEPLETION
#OZONE DEPLETION
RT AIR POLLUTION
ANTARCTIC REGIONS
ARCTIC REGIONS
ATMOSPHERIC COMPOSITION
CHLOROFLUOROCARBONS
CHLOROFLUOROMETHANE
OZONOMETRY
OZONOSPHERE
TOTAL OZONE MAPPING SPECTROMETER

OZONE FLUORIDE
0603 1804
GS HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORIDES
..#OZONE FLUORIDE
.HALIDES
..FLUORIDES
..#OZONE FLUORIDE
RT % OXYGEN COMPOUNDS
OZONE

OZONE HOLES
USE OZONE DEPLETION

OZONE LAYER
USE OZONOSPHERE

OZONIDES
0603 1804
RT % OXYGEN COMPOUNDS
OZONE

OZONOMETRY
0603 1406
GS CHEMICAL TESTS
.CHEMICAL ANALYSIS
..GAS ANALYSIS
..#OZONOMETRY
RT OZONE
OZONE DEPLETION
TOTAL OZONE MAPPING SPECTROMETER

OZONOSPHERE
1302 2003 3009
UF OZONE LAYER
GS EARTH ATMOSPHERE
.MIDDLE ATMOSPHERE
..STRATOSPHERE
..#OZONOSPHERE
RT CHEMOSPHERE
CHLOROFLUOROCARBONS
HOMOSPHERE
OZONE DEPLETION
UMKEHR EFFECT
UPPER ATMOSPHERE

P BAND
0702 0705 0710 1002 2402
SN (225 TO 390 MHZ)
GS FREQUENCIES
.RADIO FREQUENCIES
..MICROWAVE FREQUENCIES
..#P BAND
..ULTRAHIGH FREQUENCIES
..#P BAND
..VERY HIGH FREQUENCIES
..#P BAND

P WAVES
0710 1202 1307 1308
GS ELASTIC WAVES
#P WAVES
RT COMPRESSIBLE FLUIDS
COMPRESSION WAVES
CRUSTAL FRACTURES
DILATATIONAL WAVES
S WAVES
SEISMIC WAVES
SURFACE WAVES

P.A.C.M. TELEMETRY
0702 0708
SN (PULSE AMPLITUDE CODE MODULATION)
GS TELECOMMUNICATION
.TELEMETRY
.#P.A.C.M. TELEMETRY
TRANSMISSION
.SIGNAL TRANSMISSION
..TELEMETRY
..#P.A.C.M. TELEMETRY
RT AMPLITUDE MODULATION
COMMUNICATION EQUIPMENT
DIFFERENTIAL PULSE CODE MODULATION
MODULATION
PULSE AMPLITUDE MODULATION
PULSE CODE MODULATION

P-I-N DIODES
USE DIODES
P-I-N JUNCTIONS

P-I-N JUNCTIONS
0906 2602
UF P-I-N DIODES
GS SEMICONDUCTOR JUNCTIONS
#P-I-N JUNCTIONS
RT DIODES
% JUNCTIONS
SOLAR CELLS

P-N JUNCTIONS
0906 2602
UF N-P JUNCTIONS
GS SEMICONDUCTOR JUNCTIONS
#P-N JUNCTIONS
RT % JUNCTIONS
SIS (SEMICONDUCTORS)

P-N-P JUNCTIONS
0906 2602
GS SEMICONDUCTOR JUNCTIONS
#P-N-P JUNCTIONS
RT % JUNCTIONS

P-N-P-N JUNCTIONS
0902 2602
GS SEMICONDUCTOR JUNCTIONS
#P-N-P-N JUNCTIONS
RT % JUNCTIONS
LATCH-UP
THYRISTORS

P-TYPE SEMICONDUCTORS
0906 2602
GS SEMICONDUCTORS (MATERIALS)
#P-TYPE SEMICONDUCTORS
RT HOLES (ELECTRON DEFICIENCIES)
SEMICONDUCTOR JUNCTIONS

P-1 ENGINE
2808
GS ENGINES
.ROCKET ENGINES
..BOOSTER ROCKET ENGINES
..#P-1 ENGINE
..SOLID PROPELLANT ROCKET ENGINES
..#P-1 ENGINE

P-3 AIRCRAFT
0207 3401

UF ORION AIRCRAFT
P3V AIRCRAFT
GS ANTISUBMARINE WARFARE AIRCRAFT
#P-3 AIRCRAFT
JET AIRCRAFT
#P-3 AIRCRAFT
LOCKHEED AIRCRAFT
#P-3 AIRCRAFT
MONOPLANES
#P-3 AIRCRAFT
RT % AIRCRAFT
TURBOPROP ENGINES

P-51 AIRCRAFT
0207
UF MUSTANG AIRCRAFT
GS ATTACK AIRCRAFT
.FIGHTER AIRCRAFT
.#P-51 AIRCRAFT
MONOPLANES
#P-51 AIRCRAFT
NORTH AMERICAN AIRCRAFT
#P-51 AIRCRAFT
SINGLE ENGINE AIRCRAFT
#P-51 AIRCRAFT
RT % AIRCRAFT

P-84 AIRCRAFT
USE JET PROVOST AIRCRAFT

P-160 AIRCRAFT
0207
UF ME P-160 AIRCRAFT
MESSERSCHMITT ME P-160 AIRCRAFT
GS COMMERCIAL AIRCRAFT
#P-160 AIRCRAFT
PASSENGER AIRCRAFT
#P-160 AIRCRAFT
TRANSPORT AIRCRAFT
.CARGO AIRCRAFT
.#P-160 AIRCRAFT
RT % AIRCRAFT

P-166 AIRCRAFT
0207
UF PIAGGIO P-166 AIRCRAFT
GS LIGHT AIRCRAFT
#P-166 AIRCRAFT
MONOPLANES
#P-166 AIRCRAFT
PASSENGER AIRCRAFT
#P-166 AIRCRAFT
PIAGGIO AIRCRAFT
#P-166 AIRCRAFT
TRANSPORT AIRCRAFT
.CARGO AIRCRAFT
.#P-166 AIRCRAFT
RT % AIRCRAFT

P-308 AIRCRAFT
0207
UF ME P-308 AIRCRAFT
MESSERSCHMITT ME P-308 AIRCRAFT
GS ATTACK AIRCRAFT
#P-308 AIRCRAFT
JET AIRCRAFT
#P-308 AIRCRAFT
MONOPLANES
#P-308 AIRCRAFT
RT % AIRCRAFT

P-531 HELICOPTER
0206 0207
UF SCOUT HELICOPTER
WESTLAND P-531 HELICOPTER
GS UTILITY AIRCRAFT
#P-531 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#P-531 HELICOPTER
WESTLAND AIRCRAFT
#P-531 HELICOPTER
RT ANTISUBMARINE WARFARE AIRCRAFT
PASSENGER AIRCRAFT

P-1127 AIRCRAFT
0201 0207 0209
UF HAWKER P-1127 AIRCRAFT
KESTREL AIRCRAFT
VZ-12 AIRCRAFT
XV-6A AIRCRAFT
GS ATTACK AIRCRAFT
.FIGHTER AIRCRAFT
.#P-1127 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
#P-1127 AIRCRAFT
JET AIRCRAFT
.TURBOFAN AIRCRAFT
.#P-1127 AIRCRAFT
MONOPLANES
#P-1127 AIRCRAFT
OBSERVATION AIRCRAFT
#P-1127 AIRCRAFT
RECONNAISSANCE AIRCRAFT
#P-1127 AIRCRAFT
SINGLE ENGINE AIRCRAFT
#P-1127 AIRCRAFT
V/STOL AIRCRAFT
#P-1127 AIRCRAFT
RT % AIRCRAFT
BRISTOL-SIDDELEY BS 53 ENGINE
HARRIER AIRCRAFT
TURBOFAN ENGINES

P-1154 AIRCRAFT
0201 0207 0209
UF HAWKER P-1154 AIRCRAFT
GS ATTACK AIRCRAFT
.FIGHTER AIRCRAFT
.#P-1154 AIRCRAFT
HAWKER SIDDELEY AIRCRAFT
#P-1154 AIRCRAFT
JET AIRCRAFT
.TURBOFAN AIRCRAFT
.#P-1154 AIRCRAFT
MONOPLANES
#P-1154 AIRCRAFT
OBSERVATION AIRCRAFT
#P-1154 AIRCRAFT
RECONNAISSANCE AIRCRAFT
#P-1154 AIRCRAFT
SINGLE ENGINE AIRCRAFT
#P-1154 AIRCRAFT
SUPERSONIC AIRCRAFT
#P-1154 AIRCRAFT
V/STOL AIRCRAFT
#P-1154 AIRCRAFT
RT % AIRCRAFT
TURBOFAN ENGINES

PA-34 SENECA AIRCRAFT
0204 0207
UF SENECA AIRCRAFT
GS LIGHT AIRCRAFT
.PIPER AIRCRAFT
.#PA-34 SENECA AIRCRAFT
RT % AIRCRAFT
ATLIT PROJECT
GAW-1 AIRFOIL
GENERAL DYNAMICS AIRCRAFT

PACE
USE PHYSICS AND CHEMISTRY EXPERIMENT
IN SPACE

PACIFIC ISLANDS
1305
GS LANDFORMS
.ISLANDS
.#PACIFIC ISLANDS
...GUAM
...JAPAN
...JOHNSTON ISLAND

...KURILE ISLANDS
...NEW GUINEA (ISLAND)
...NEW ZEALAND
...PHILIPPINES
...SAMOA

PACIFIC NORTHWEST (US)
1305
GS REGIONS
#PACIFIC NORTHWEST (US)
RT CANADA
UNITED STATES

PACIFIC OCEAN
1305 1310
GS OCEANS
#PACIFIC OCEAN
RT BERING SEA
COASTAL RANGES (CA)
EL NINO
GULF OF ALASKA
GULF OF CALIFORNIA (MEXICO)
INDONESIA
MID-OCEAN RIDGES
MONTEREY BAY (CA)
SAN FRANCISCO BAY (CA)
SEA OF OKHOTSK
SOUTHERN CALIFORNIA

PACKAGES
0202 1103 1502 1504 3203 3404
GS #PACKAGES
.INSTRUMENT PACKAGES
..APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE
..EASEP
..EREP
RT BAGS
BOXES (CONTAINERS)
BUNDLES
CARTRIDGES
CASES (CONTAINERS)
% CONTAINERS
% INSTRUMENTS
PACKAGING

PACKAGING
1002 3404
GS #PACKAGING
.ELECTRONIC PACKAGING
RT % CONTAINERS
CORROSION PREVENTION
ENCAPSULATING
ENCLOSURE
HAULING
HOPPERS
INHIBITORS
MARKING
MATERIALS HANDLING
PACKAGES
% PACKING
PRESERVING
SEALERS
SPIRAL WRAPPING
% STORAGE
TRANSPORTATION
VERMICULITE
WEATHERPROOFING
% WRAP

PACKET SWITCHING
0708
GS SWITCHING
#PACKET SWITCHING
RT BEAM SWITCHING
COMMUNICATION NETWORKS
DATA TRANSMISSION
INTERRUPTION
MICROWAVE SWITCHING
MULTIPLE ACCESS
NETWORK CONTROL
PACKET TRANSMISSION
PACKETS (COMMUNICATION)
PROTOCOL (COMPUTERS)
RADIO TRANSMISSION
SEQUENCING
SIGNAL TRANSMISSION
SWITCHING CIRCUITS
SWITCHING THEORY
TELECOMMUNICATION
TIME DIVISION MULTIPLE ACCESS

PACKET TRANSMISSION
0702
GS TELECOMMUNICATION
#PACKET TRANSMISSION
..ALOHA SYSTEM
TRANSMISSION
.SIGNAL TRANSMISSION
..DATA TRANSMISSION
..#PACKET TRANSMISSION
....ALOHA SYSTEM
RT AUTOMATIC REPEAT REQUEST
CHANNEL CAPACITY
MESSAGE PROCESSING
PACKET SWITCHING
PACKETS (COMMUNICATION)
SATELLITE COMMUNICATION
SPACECRAFT COMMUNICATION
TRANSMISSION EFFICIENCY

PACKETS (COMMUNICATION)
0702
RT ALOHA SYSTEM
COMMUNICATION NETWORKS
DATA TRANSMISSION
PACKET SWITCHING
PACKET TRANSMISSION
TRANSMISSION EFFICIENCY
WAVE PACKETS

% PACKING
1103 1502 1504 3407
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT PACKAGING
PACKING DENSITY
PACKINGS (SEALS)
SEALING

PACKING DENSITY
2404 2601
GS DENSITY (NUMBER/VOLUME)
#PACKING DENSITY
RT BRAVAIS CRYSTALS
CRYSTAL STRUCTURE
CRYSTALS
% PACKING
VOID RATIO

PACKINGS (SEALS)
1501 1504
GS SEALS (STOPPERS)
#PACKINGS (SEALS)
RT BEARINGS
GLANDS (SEALS)
LABYRINTH SEALS
% PACKING
PUMPS
SEALERS
SEALING
SHAFTS (MACHINE ELEMENTS)
VALVES

% PAD
0403 0903 1104 1504
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CUSHIONS
FOUNDATIONS
LAUNCHING PADS

PADDLES

1504
RT FOLDING STRUCTURES
MIXERS
SOLAR GENERATORS
TURBOMACHINE BLADES

PADE APPROXIMATION
1902 3501
GS ANALYSIS (MATHEMATICS)
.CALCULUS
..SERIES (MATHEMATICS)
..#PADE APPROXIMATION
.NUMERICAL ANALYSIS
..APPROXIMATION
..#PADE APPROXIMATION
.REAL VARIABLES
..SERIES (MATHEMATICS)
..#PADE APPROXIMATION

PAGEOS SATELLITE
2004 3107
GS ARTIFICIAL SATELLITES
.GEODETIC SATELLITES
.#PAGEOS SATELLITE
.PASSIVE SATELLITES
.#PAGEOS SATELLITE
RT EXPLORER 29 SATELLITE
EXPLORER 36 SATELLITE
GEOS 1 SATELLITE
GEOS 2 SATELLITE
GEOS 3 SATELLITE

PAIN
0401 0404 0405 0408
GS PERCEPTION
.SENSORY PERCEPTION
.#PAIN
RT ANALGESIA

PAIN SENSITIVITY
0404 0408
GS PERCEPTION
.SENSORY PERCEPTION
.#PAIN SENSITIVITY
SENSITIVITY
#PAIN SENSITIVITY

PAINTS
1802 1808 3404
GS COATINGS
#PAINTS
RT FILLERS
FINISHES
METAL COATINGS
PIGMENTS
PRIMERS (COATINGS)
PROTECTIVE COATINGS
RUBBER COATINGS
SEALERS
SPRAYED COATINGS
TURPENTINE
VARNISHES

PAIR PRODUCTION
2403 2405 3407
GS PARTICLE PRODUCTION
#PAIR PRODUCTION
RT ELECTROMAGNETIC ABSORPTION
ELECTRON EMISSION
ELECTRON PHOTON CASCADES
ELECTRON-POSITRON PAIRS
EMISSION
HIGH ENERGY INTERACTIONS
NUCLEAR REACTIONS
PHOTOPRODUCTION
POSITRON ANNIHILATION
POSITRONS

PAKISTAN
1305
GS NATIONS
#PAKISTAN
RT ASIA
BANGLADESH
HIMALAYAS
PAKISTAN SPACE PROGRAM

PAKISTAN SPACE PROGRAM
3009 3409
GS PROGRAMS
.SPACE PROGRAMS
.#PAKISTAN SPACE PROGRAM
RT PAKISTAN

PALAPA B SATELLITE
USE PALAPA 2 SATELLITE

PALAPA SATELLITES
3107
GS ARTIFICIAL SATELLITES
.COMMUNICATION SATELLITES
.#PALAPA SATELLITES
...PALAPA 2 SATELLITE
RT INDONESIAN SPACE PROGRAM
INTERNATIONAL COOPERATION

PALAPA 2 SATELLITE
3107
UF PAL[illegible]ATELLITE
GS ART[illegible] SATELLITES
.COMMUNICATION SATELLITES
..PALAPA SATELLITES
..#PALAPA 2 SATELLITE
RT INDONESIAN SPACE PROGRAM
INTERNATIONAL COOPERATION

PALEOBIOLOGY
1304
RT ARCHAEBACTERIA
% BIOLOGY
CRETACEOUS-TERTIARY BOUNDARY
FOSSILS
GEOCHEMISTRY
GEOCHRONOLOGY
PALEONTOLOGY

PALEOCLIMATOLOGY
1308 2001 2003
GS CLIMATOLOGY
#PALEOCLIMATOLOGY
RT CLIMATE
CLIMATE CHANGE
PALEONTOLOGY

PALEOMAGNETISM
1304 1306 1307 3009
GS MAGNETIC FIELDS
#PALEOMAGNETISM
MAGNETIC PROPERTIES
#PALEOMAGNETISM
RT ARCHAEOLOGY
CONES (VOLCANOES)
CONTINENTAL DRIFT
GEOLOGY
GEOMAGNETISM
GEOPHYSICS
MARS VOLCANOES
REMANENCE
ROCKS
VOLCANOES
VOLCANOLOGY

PALEONTOLOGY
1304 1306 1308
RT ARCHAEBACTERIA
CAMBRIAN PERIOD
CENOZOIC ERA
CRETACEOUS PERIOD
CRETACEOUS-TERTIARY BOUNDARY
FORMATIONS
FOSSILS
GEOCHEMISTRY
GEOCHRONOLOGY
GEOLOGICAL SURVEYS
GEOLOGY

ORIGINAL PAGE IS OF POOR QUALITY

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        HISTORIES
        MESOZOIC ERA
        PALEOBIOLOGY
        PALEOCLIMATOLOGY
        PALEOZOIC ERA
        PRECAMBRIAN PERIOD
        PROTOBIOLOGY
        STRATIGRAPHY
        TERTIARY PERIOD

PALEOZOIC ERA
  1306
  GS  #PALEOZOIC ERA
        .CAMBRIAN PERIOD
  RT    GEOCHRONOLOGY
        MESOZOIC ERA
        PALEONTOLOGY
        PRECAMBRIAN PERIOD

PALLADIUM
  0603 1703
  GS    CHEMICAL ELEMENTS
        #PALLADIUM
        METALS
        .TRANSITION METALS
        .#PALLADIUM
  RT    PALLADIUM ISOTOPES

PALLADIUM ALLOYS
  1701 1704
  GS    ALLOYS
        #PALLADIUM ALLOYS

PALLADIUM COMPOUNDS
  0603
  RT %  CHEMICAL COMPOUNDS
        METALS
        TRANSITION METALS

PALLADIUM ISOTOPES
  0603 2406
  GS    CHEMICAL ELEMENTS
        .NUCLIDES
        ..ISOTOPES
        ..#PALLADIUM ISOTOPES
  RT    PALLADIUM

PALMAR SWEAT INDEX
  0408 0410 0501
  RT    PERSPIRATION
        STRESS (PHYSIOLOGY)
        STRESS (PSYCHOLOGY)

PALMGREN-MINER RULE
  0201 3203 3204
        MINER RULE
        RULES
        #PALMGREN-MINER RULE
        FATIGUE LIFE

PALMITIC ACID
  0403 1808
  GS    ACIDS
        .CARBOXYLIC ACIDS
        ..FATTY ACIDS
        ..#PALMITIC ACID
        ORGANIC COMPOUNDS
        .CARBOXYLIC ACIDS
        ..FATTY ACIDS
        ..#PALMITIC ACID
  RT    FATS

PALO VERDE VALLEY (CA)
  1305
  GS    VALLEYS
        #PALO VERDE VALLEY (CA)
  RT    CALIFORNIA
        DESERTS

PAM (MODULATION)
  USE   PULSE AMPLITUDE MODULATION

PAMPAS
  1306
  GS    LAND
        .PLAINS
        .#PAMPAS

PAN (POLYACRYLONITRILE)
  USE   POLYACRYLONITRILE

PANAMA
  1305
  GS    NATIONS
        #PANAMA
  RT    CANALS
        CENTRAL AMERICA

PANAMA CANAL ZONE
  1305
  GS    LANDFORMS
        #PANAMA CANAL ZONE
        REGIONS
        #PANAMA CANAL ZONE
  RT    CARIBBEAN SEA
        CENTRAL AMERICA
        UNITED STATES

PANAVIA MILITARY AIRCRAFT
  0101 0206 3403
  RT %  AIRCRAFT
        AIRCRAFT DESIGN
        FIGHTER AIRCRAFT
      % MILITARY AIRCRAFT
        VARIABLE SWEEP WINGS
        WEAPON SYSTEMS

PANCREAS
  0404 0405 0408
  GS    ANATOMY
        .DIGESTIVE SYSTEM
        .#PANCREAS
        .GLANDS (ANATOMY)
        ..ENDOCRINE GLANDS
        ..#PANCREAS
  RT    DIABETES MELLITUS
        GASTROINTESTINAL SYSTEM
        TRYPSIN

PANEL FLUTTER
  0201 0202 1507
  GS    VIBRATION
        .STRUCTURAL VIBRATION
        ..FLUTTER
        ..#PANEL FLUTTER
        ..SELF INDUCED VIBRATION
        ..#PANEL FLUTTER
  RT    AERODYNAMIC NOISE
        AEROELASTICITY
        BENDING VIBRATION

PANEL METHOD (FLUID DYNAMICS)
  1201 3501
  GS    PROCEDURES
        #PANEL METHOD (FLUID DYNAMICS)
  RT    BERNOULLI THEOREM
        BOUNDARY LAYERS
        COMPUTATIONAL FLUID DYNAMICS
        FINITE ELEMENT METHOD
      % FLOW
        FLOW THEORY
        FLUID DYNAMICS
        FLUX VECTOR SPLITTING
        GAS-SOLID INTERACTIONS
      % METHODOLOGY
        TURBULENCE
        VORTEX LATTICE METHOD

PANELS
  3202 3203 3406 3409
  SN    (EXCLUDES GROUPS OF PEOPLE)
  GS  #PANELS
        .CURVED PANELS
        .RECTANGULAR PANELS
        .WING PANELS
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  RT   BAFFLES
       CEILINGS (ARCHITECTURE)
     % CONSTRUCTION MATERIALS
       DIVIDERS
       FLAT PLATES
     % PLATES
     % SHEETS
       SHIELDING
       THIN PLATES
       WALLS

PANIC
  0408 0410
  RT   EMOTIONAL FACTORS
       EMOTIONS
       FEAR
       HUMAN BEHAVIOR

PANORAMIC CAMERAS
  1407 1412
  GS   OPTICAL EQUIPMENT
       .CAMERAS
       .#PANORAMIC CAMERAS
       PHOTOGRAPHIC EQUIPMENT
       .CAMERAS
       .#PANORAMIC CAMERAS
  RT   CAMERA SHUTTERS
       FOCUSING
       LENSES
       PHOTOGRAPHY
       WIDE ANGLE LENSES

PANORAMIC SCANNING
  0702 0705
  GS   SCANNING
       #PANORAMIC SCANNING
  RT   CONICAL SCANNING
       FREQUENCY SCANNING
       MULTISPECTRAL BAND SCANNERS
       RADAR SCANNING
       SCANNERS
       SEARCHING
       SURVEILLANCE

PANSPERMIA
  0401
  RT   ABIOGENESIS
       AEROSPACE ENVIRONMENTS
       BACTERIA
       BIOLOGICAL EVOLUTION
       EXOBIOLOGY
       EXTRATERRESTRIAL LIFE
       FUNGI

PANT PROGRAM
  3406
  UF   ABLATED NOSETIPS
       PASSIVE NOSETIP TECHNOLOGY
  GS   PROGRAMS
       #PANT PROGRAM

PANTAR CHONDRITES
  1806 3005
  GS   CELESTIAL BODIES
       .METEORITES
       ..STONY METEORITES
       ...CHONDRITES
       ...#PANTAR CHONDRITES

PANTHER AIRCRAFT
  USE  F-9 AIRCRAFT

PAPAIN
  0603 1808
  GS   BIOPOLYMERS
       .PROTEINS
       ..ENZYMES
       ..#PAPAIN
       ORGANIC COMPOUNDS
       .PROTEINS
       ..ENZYMES
       ..#PAPAIN
  RT   PEPSIN

PAPER (MATERIAL)
  0603
  RT   BOARDS (PAPER)
       KRAFT PROCESS (WOODPULP)
     % MATERIALS
       ORGANIC MATERIALS
       WEBS (SHEETS)
       WOOD

PAPER CHROMATOGRAPHY
  0601 0602
  GS   CHEMICAL TESTS
       .CHEMICAL ANALYSIS
       ..CHROMATOGRAPHY
       ..#PAPER CHROMATOGRAPHY
  RT   GAS CHROMATOGRAPHY
       LIQUID CHROMATOGRAPHY

PAPERS
  3405
  GS   DOCUMENTS
       #PAPERS
  RT   BOARDS (PAPER)
       CONFERENCES
       FIBERS
     % FILMS
       LAMINATES
       LITERATURE
       PRESIDENTIAL REPORTS
       PRIVACY
       REPORTS
     % SHEETS
       WEBS (SHEETS)

PAPILLAE
  0402 0404
  RT   PROTUBERANCES

PAPUA NEW GUINEA
  1305
  GS   NATIONS
       #PAPUA NEW GUINEA
  RT   ASIA
       AUSTRALIA
       NEW GUINEA (ISLAND)

PARA HYDROGEN
  0603
  GS   GASES
       #PARA HYDROGEN
  RT   HYDROGEN
       ORTHO PARA CONVERSION

PARABOLAS
  1902
  GS   GEOMETRY
       .EUCLIDEAN GEOMETRY
       ..ANALYTIC GEOMETRY
       ...CONICS
       ...#PARABOLAS

PARABOLIC ANTENNAS
  0701 0705 0905 0901
  GS   ANTENNAS
       .DIRECTIONAL ANTENNAS
       ..REFLECTOR ANTENNAS
       ..#PARABOLIC ANTENNAS
  RT   ANTENNA DESIGN
       CASSEGRAIN ANTENNAS
       HORN ANTENNAS
       MICROWAVE ANTENNAS
       RADAR ANTENNAS
       RADAR EQUIPMENT
       RADAR REFLECTORS

PARABOLIC BODIES
  1902 0102
  UF   PARABOLOID
  GS   SYMMETRI[illegible]S
       .BODIES[illegible]UTION
       .#PARA[illegible]DIES
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PARABOLIC DIFFERENTIAL EQUATIONS
  1902 3501
  GS   ANALYSIS (MATHEMATICS)
       .REAL VARIABLES
       ..DIFFERENTIAL EQUATIONS
       ...PARTIAL DIFFERENTIAL EQUATIONS
       ...#PARABOLIC DIFFERENTIAL
          EQUATIONS
  RT % EQUATIONS

PARABOLIC FLIGHT
  0201 1904 3006
  RT   ASCENT TRAJECTORIES
       BALLISTIC TRAJECTORIES
       CLIMBING FLIGHT
       COASTING FLIGHT
       DESCENT TRAJECTORIES
     % FLIGHT
       MIDCOURSE TRAJECTORIES
       MISSILE TRAJECTORIES
       SUBORBITAL FLIGHT
       TRAJECTORIES
       WEIGHTLESSNESS
       WEIGHTLESSNESS SIMULATION

PARABOLIC REFLECTORS
  0705 0710 0901
  UF   DISHES
  GS   REFLECTORS
       #PARABOLIC REFLECTORS
       ..PARABOLOID MIRRORS
  RT   MICROWAVE ANTENNAS
       RADAR REFLECTORS
       REFLECTOR ANTENNAS
       SCHWARZSCHILD ANTENNAS
       SOLAR REFLECTORS

PARABOLIC VELOCITY
  USE  ESCAPE VELOCITY

PARABOLOID MIRRORS
  0710 0901 2306 2310
  GS   MIRRORS
       #PARABOLOID MIRRORS
       REFLECTORS
       .PARABOLIC REFLECTORS
       .#PARABOLOID MIRRORS
  RT   REFLECTING TELESCOPES
       SOLAR REFLECTORS

PARABOLOIDS
  USE  PARABOLIC BODIES

PARACHUTE DESCENT
  0208
  UF   PARACHUTING
  GS   DESCENT
       #PARACHUTE DESCENT
  RT   BAILOUT
       EJECTION
       EJECTION TRAINING
       ESCAPE (ABANDONMENT)
       FREE FALL
       PARACHUTES

PARACHUTE FABRICS
  0208 1811
  GS   FABRICS
       #PARACHUTE FABRICS
  RT   FORTISAN (TRADEMARK)
       GORES
       PARACHUTES

PARACHUTES
  0203 0208 0508
  GS  #PARACHUTES
       .DRAG CHUTES
       .RECOVERY PARACHUTES
       .RIBBON PARACHUTES
       .ROTOCHUTES
  RT   AERODYNAMIC BRAKES
       AIR DROP OPERATIONS
       AIRDROPS
       BALLUTES
       BRAKES (FOR ARRESTING MOTION)
       FOLDING STRUCTURES
       PARACHUTE DESCENT
       PARACHUTE FABRICS
       PARACONE
       PARAVULCOONS
       PARAWINGS
       TOWED BODIES
       WHIRL TOWERS

PARACHUTING
  USE  PARACHUTE DESCENT

PARACHUTING INJURY
  0405 0408
  GS   INJURIES
       #PARACHUTING INJURY

PARACONE
  0203
  RT   ESCAPE CAPSULES
       ESCAPE SYSTEMS
       PARACHUTES

PARADOXES
  1902 2311 3406
  GS   KNOWLEDGE
       .PHILOSOPHY
       .#PARADOXES
  RT % LOGIC
       RELATIVITY

PARAFFINS
  0603 1808
  GS   ORGANIC COMPOUNDS
       .HYDROCARBONS
       ..ALIPHATIC HYDROCARBONS
       ...ALKANES
       ...#PARAFFINS
       .....CERESIN
  RT   HYDROCARBON FUELS
       KEROSENE
       SHALE OIL

PARAGLIDERS
  0201 0205
  GS   GLIDERS
       #PARAGLIDERS
       ..INFLATABLE GLIDERS
  RT   FOLDING STRUCTURES
       HYPERSONIC GLIDERS
       PARAWINGS
     % SUBSONIC AIRCRAFT

PARAGUAY
  1305
  GS   NATIONS
       #PARAGUAY
  RT   SOUTH AMERICA

PARALLAX
  1901 2306 2310 3001
  GS  #PARALLAX
       .SOLAR PARALLAX
       .STELLAR PARALLAX
  RT   ASTROMETRY
       COMPANION STARS
     % OPTICS

PARALLEL COMPUTERS
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ..#PARALLEL COMPUTERS
       ....MASSIVELY PARALLEL PROCESSORS
       .....CONNECTION MACHINE
       ....MIMD (COMPUTERS)
       ....SIMD (COMPUTERS)
  RT   HYPERCUBE MULTIPROCESSORS
```

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PARALLEL FLOW
  1201 1202
  GS    FLUID FLOW
        #PARALLEL FLOW
        ..PIPE FLOW
        ..THREE DIMENSIONAL FLOW
  RT    FLOW GEOMETRY
        FLOW VELOCITY
        FLUID DYNAMICS
        LAMINAR FLOW
        STEADY FLOW

PARALLEL PLATES
  0904 0905 1202 2304 2310 3203
  RT    CAPACITORS
      % CHANNELS
        FLAT PLATES
        METAL PLATES
      % PLATES
        THIN PLATES
        WAVEGUIDES

PARALLEL PROCESSING (COMPUTERS)
  0802
  GS    DATA PROCESSING
        #PARALLEL PROCESSING (COMPUTERS)
  RT    ASSOCIATIVE PROCESSING (COMPUTERS)
        CONCURRENT PROCESSING
        CONNECTION MACHINE
        HYPERCUBE MULTIPROCESSORS
        ILLIAC 3 COMPUTER
        ILLIAC 4 COMPUTER
        INTERPROCESSOR COMMUNICATION
        MASSIVELY PARALLEL PROCESSORS
        MIMD (COMPUTERS)
        SIMD (COMPUTERS)
        SUPERCOMPUTERS
        SYSTOLIC ARRAYS
        TRANSPUTERS
        VECTOR PROCESSING (COMPUTERS)

PARALLEL PROGRAMMING
  0802
  GS    COMPUTER PROGRAMMING
        #PARALLEL PROGRAMMING
  RT    MULTIPROCESSING (COMPUTERS)
        PIPELINING (COMPUTERS)

PARALLEL STRIP LINES
  USE   MICROSTRIP TRANSMISSION LINES

PARALLELEPIPEDS
  1902
  GS    GEOMETRY
        .EUCLIDEAN GEOMETRY
        ..POLYHEDRONS
        ..#PARALLELEPIPEDS

PARALLELOGRAMS
  1902
  GS    GEOMETRY
        .EUCLIDEAN GEOMETRY
        ..POLYGONS
        ...TETRAGONS
        ...#PARALLELOGRAMS
        .....RHOMBOIDS

PARALYSIS
  0404 0405 0408
  GS    DISEASES
        #PARALYSIS
        INJURIES
        #PARALYSIS
  RT    DISABILITIES
        TREMORS

PARAMAGNETIC AMPLIFIERS
  USE   MASERS

PARAMAGNETIC RESONANCE
  2307 2311
  GS    RESONANCE
        .MAGNETIC RESONANCE
        .#PARAMAGNETIC RESONANCE
        ...ELECTRON PARAMAGNETIC RESONANCE
  RT    ABSORPTION SPECTRA
        FERROMAGNETIC RESONANCE
        NUCLEAR MAGNETIC RESONANCE
        PARAMAGNETISM

PARAMAGNETISM
  2307 2311
  GS    MAGNETIC PROPERTIES
        #PARAMAGNETISM
  RT    ANTIFERROMAGNETISM
        CURIE-WEISS LAW
        DIAMAGNETISM
        PARAMAGNETIC RESONANCE

PARAMECIA
  0402 0407
  GS    ANIMALS
        .PROTOZOA
        .#PARAMECIA
        MICROORGANISMS
        .PROTOZOA
        .#PARAMECIA

PARAMETER IDENTIFICATION
  1003
  GS    ESTIMATING
        #PARAMETER IDENTIFICATION
        IDENTIFYING
        #PARAMETER IDENTIFICATION
        PARAMETERIZATION
        #PARAMETER IDENTIFICATION
  RT    COMPLEX SYSTEMS
        CONTROL SYSTEMS DESIGN
        DYNAMIC RESPONSE
        ESTIMATES
        GENETIC ALGORITHMS
        INDEPENDENT VARIABLES
        LEAST SQUARES METHOD
        MATHEMATICAL MODELS
        MAXIMUM LIKELIHOOD ESTIMATES
        OBSERVABILITY (SYSTEMS)
        OPTIMAL CONTROL
        OPTIMIZATION
        PREDICTION ANALYSIS TECHNIQUES
        PROBABILITY THEORY
        STATISTICAL ANALYSIS
        STEEPEST DESCENT METHOD
        SYSTEM IDENTIFICATION
        SYSTEMS ANALYSIS
        SYSTEMS ENGINEERING

PARAMETERIZATION
  1902 1905
  GS   #PARAMETERIZATION
        .PARAMETER IDENTIFICATION
  RT    ALGORITHMS
      % APPLICATIONS OF MATHEMATICS
        DEPENDENT VARIABLES
        DERIVATION
        DIMENSIONAL ANALYSIS
      % ESTIMATORS
        FORMALISM
        FORMULATIONS
        MATHEMATICAL MODELS
        SCALE EFFECT
        SEMIEMPIRICAL EQUATIONS
        SYSTEM IDENTIFICATION
        UNITS OF MEASUREMENT

PARAMETERS
  USE   INDEPENDENT VARIABLES

PARAMETRIC AMPLIFIERS
  0701 0905 1201
  UF    PARAMETRIC OSCILLATORS
        REACTANCE AMPLIFIERS
  GS    AMPLIFIERS
        #PARAMETRIC AMPLIFIERS
  RT    FREQUENCY CONVERTERS
```

LC CIRCUITS
MAGNETOSTATIC AMPLIFIERS
MICROWAVE AMPLIFIERS
NEGATIVE RESISTANCE DEVICES
POWER AMPLIFIERS
SEMICONDUCTOR DEVICES

PARAMETRIC DIODES
0903 0905 2602
GS ELECTRONIC EQUIPMENT
.DIODES
..SEMICONDUCTOR DIODES
..#PARAMETRIC DIODES
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
..#PARAMETRIC DIODES
RT VARACTOR DIODES

PARAMETRIC FREQUENCY CONVERTERS
0701 0905 2402
GS FREQUENCY CONVERTERS
#PARAMETRIC FREQUENCY CONVERTERS
RT % CONVERTERS
PHASE MODULATION
UP-CONVERTERS

PARAMETRIC OSCILLATORS
USE PARAMETRIC AMPLIFIERS

PARAMETRONS
0801
RT COMPUTER STORAGE DEVICES
MAGNETIC CORES
MAGNETIC STORAGE
OSCILLATORS
PHASE LOCK DEMODULATORS
THIN FILMS

PARANASAL SINUSES
0404 0405
GS ANATOMY
.RESPIRATORY SYSTEM
.#PARANASAL SINUSES
SINUSES
#PARANASAL SINUSES
RT NOSE (ANATOMY)

PARAPLASTS
0404 0405
GS PLASTERS
#PARAPLASTS
RT RESINS

PARAPSYCHOLOGY
USE EXTRASENSORY PERCEPTION

PARASITES
0402 0404 0409
GS #PARASITES
.TRYPANOSOME
RT ANIMALS
BLIGHT
INFESTATION

PARASITIC ANTENNAS
USE PARASITIC ELEMENTS (ANTENNAS)

PARASITIC DISEASES
0405 0408
GS DISEASES
.INFECTIOUS DISEASES
.#PARASITIC DISEASES
RT AIRBORNE INFECTION
AMOEBA
BLIGHT
RUST FUNGI
TRYPANOSOME

PARASITIC ELEMENTS (ANTENNAS)
0701 0901
UF PARASITIC ANTENNAS
PARASITIC REFLECTORS
PASSIVE ELEMENTS
GS ANTENNA COMPONENTS
#PARASITIC ELEMENTS (ANTENNAS)
..DIRECTORS (ANTENNA ELEMENTS)
RT ANTENNA DESIGN
ANTENNA RADIATION PATTERNS
DIPOLE ANTENNAS
DIRECTIONAL ANTENNAS
LOG PERIODIC ANTENNAS
RADIO RECEIVERS
REFLECTORS
YAGI ANTENNAS

PARASITIC REFLECTORS
USE PARASITIC ELEMENTS (ANTENNAS)

PARATHYROID GLAND
0405 0408
GS ANATOMY
.GLANDS (ANATOMY)
..ENDOCRINE GLANDS
..#PARATHYROID GLAND
RT CALCIUM METABOLISM

PARAVULCOONS
0203 0208
GS BRAKES (FOR ARRESTING MOTION)
.AERODYNAMIC BRAKES
.#PARAVULCOONS
DRAG DEVICES
.AERODYNAMIC BRAKES
.#PARAVULCOONS
EXPANDABLE STRUCTURES
.INFLATABLE STRUCTURES
.#PARAVULCOONS
RT AIR DROP OPERATIONS
BALLOONS
FOLDING STRUCTURES
PARACHUTES

PARAWINGS
0102 0103 0104
GS AIRFOILS
.WINGS
..FLEXIBLE WINGS
..#PARAWINGS
RT AIR DROP OPERATIONS
FOLDING STRUCTURES
HANG GLIDERS
PARACHUTES
PARAGLIDERS

PARENTERAL FUNCTIONS
0404
RT % FUNCTIONS

PARENTS
0404 0410 3402
RT CHILDREN
HUMAN BEINGS

PARITY
0802 2403 2405
RT BCH CODES
CODING
CONSERVATION
CORRECTION
EQUIVALENCE
ERROR DETECTION CODES
INFORMATION THEORY
NUCLEAR PHYSICS
PARTICLE SPIN
QUANTUM NUMBERS
QUANTUM THEORY
STRANGENESS
VECTOR CURRENTS

% PARKING
0201 1101 3006
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT PARKING ORBITS

```
      RAMPS (STRUCTURES)

PARKING ORBITS
  1904 3006 3009
  GS   ORBITS
       .SPACECRAFT ORBITS
       ..SATELLITE ORBITS
       ..#PARKING ORBITS
  RT   EARTH ORBITS
       EARTH-MOON TRAJECTORIES
       FLIGHT OPTIMIZATION
       INTERPLANETARY TRAJECTORIES
       LUNAR ORBITS
       LUNAR TRAJECTORIES
       ORBITAL MECHANICS
     % PARKING
       PLANETARY ORBITS
       THRUST PROGRAMMING
       TRANSFER ORBITS

PARKINSON DISEASE
  0405 0408
  GS   DISEASES
       #PARKINSON DISEASE
  RT   TREMORS

PARKS
  1305
  GS   LAND
       #PARKS
       ..NATIONAL PARKS
       ...YELLOWSTONE NATIONAL PARK
          (ID-MT-WY)
  RT   RECREATION
       REGIONAL PLANNING
       URBAN DEVELOPMENT
       URBAN PLANNING

PAROTID GLAND
  USE  SALIVARY GLANDS

PARSING ALGORITHMS
  0802
  GS   MATHEMATICAL LOGIC
       .ALGORITHMS
       .#PARSING ALGORITHMS
  RT   COMPILERS
       COMPUTER TECHNIQUES
       GRAMMARS
       NATURAL LANGUAGE PROCESSING
       SEMANTICS
       SUBROUTINES
       SYNTAX

PARTIAL DIFFERENTIAL EQUATIONS
  1902 3501
  GS   ANALYSIS (MATHEMATICS)
       .REAL VARIABLES
       ..DIFFERENTIAL EQUATIONS
       ..#PARTIAL DIFFERENTIAL EQUATIONS
       ....BIHARMONIC EQUATIONS
       ....BURGER EQUATION
       ....CAUCHY-RIEMANN EQUATIONS
       ....ELLIPTIC DIFFERENTIAL EQUATIONS
       .....MONGE-AMPERE EQUATION
       ....EULER-CAUCHY EQUATIONS
       ....FOKKER-PLANCK EQUATION
       ....GAUSS EQUATION
       ....HELMHOLTZ VORTICITY EQUATION
       ....LIOUVILLE EQUATIONS
       ....PARABOLIC DIFFERENTIAL
           EQUATIONS
       ....POISSON EQUATION
       ....VLASOV EQUATIONS
  RT   ALTERNATING DIRECTION IMPLICIT
       METHODS
       BOLTZMANN-VLASOV EQUATION
     % EQUATIONS
       FUNCTIONAL INTEGRATION
       KINETIC EQUATIONS
       LAPLACE EQUATION
       METHOD OF CHARACTERISTICS
       NEUMANN PROBLEM
       WAVE EQUATIONS

PARTIAL PRESSURE
  0603 1203 3501
  GS   PRESSURE
       #PARTIAL PRESSURE
       ..OXYGEN TENSION
       ...HYPOXEMIA
  RT   DALTON LAW
       GAS PRESSURE
       HENRY LAW
       INTERNAL PRESSURE
       RAOULT LAW
       RESIDUAL GAS
     % TENSION
       VAPOR PRESSURE

PARTICLE ACCELERATION
  2202 2403 2405 3009
  GS   RATES (PER TIME)
       .ACCELERATION (PHYSICS)
       .#PARTICLE ACCELERATION
  RT % ACCELERATION
       ELECTROMAGNETIC ACCELERATION
       MAGNETIC FIELDS
       PLASMA ACCELERATION
       RACETRACKS (PARTICLE ACCELERATORS)
       WAVE-PARTICLE INTERACTIONS

PARTICLE ACCELERATOR TARGETS
  2202 2403 2405
  GS   TARGETS
       #PARTICLE ACCELERATOR TARGETS
  RT % ACCELERATORS
       TARGET THICKNESS

PARTICLE ACCELERATORS
  2202 2403 2405
  GS  #PARTICLE ACCELERATORS
       .CYCLIC ACCELERATORS
       ..BETATRONS
       ..SYNCHROCYCLOTRONS
       ..SYNCHROTRONS
       ...BEVATRON
       ...STORAGE RINGS (PARTICLE
          ACCELERATORS)
       .CYCLOTRONS
       ..GEOCYCLOTRONS
       ..MICROTRONS
       ..OAK RIDGE ISOCHRONOUS CYCLOTRON
       ..OMEGATRONS
       ..SYNCHROCYCLOTRONS
       .ELECTRON ACCELERATORS
       ..BETATRONS
       .ION ACCELERATORS
       .LINEAR ACCELERATORS
       .NIMROD ACCELERATOR
       .SUPERCONDUCTING SUPER COLLIDER
       .SYNCHROPHASOTRONS
       .VAN DE GRAAFF ACCELERATORS
  RT % ACCELERATORS
       BEAM SPLITTERS
       ELECTRON GUNS
       ELEMENTARY PARTICLES
       ION SOURCES
       KAON PRODUCTION
       NEUTRON SOURCES
       NUCLEAR PARTICLES
       RACETRACKS (PARTICLE ACCELERATORS)
       RAILGUN ACCELERATORS
       SEPAC (PAYLOAD)

PARTICLE BEAMS
  1002 1804 2403 2502
  GS   BEAMS (RADIATION)
       #PARTICLE BEAMS
       ..ATOMIC BEAMS
       ..ELECTRON BEAMS
       ...RELATIVISTIC ELECTRON BEAMS
       ..ION BEAMS
       ..NEUTRAL BEAMS
       ...MOLECULAR BEAMS
```

...NEUTRON BEAMS
..NEUTRINO BEAMS
..PION BEAMS
..PROTON BEAMS
RT BEAM SPLITTERS
ELECTRON ACCELERATION
ELECTRON BOMBARDMENT
FLUX (RATE)
ION STRIPPING
PHONON BEAMS

PARTICLE CHARGING
1804 2304 2403
RT CHARGED PARTICLES

PARTICLE COLLISIONS
1203 2202 2403 2405
GS COLLISIONS
#PARTICLE COLLISIONS
RT ATOMIC COLLISIONS
ATOMIC EXCITATIONS
BGK MODEL
DENSE PLASMAS
FADDEEV EQUATIONS
IONIC COLLISIONS
KINETICS
MEAN FREE PATH
MOLECULAR COLLISIONS
MOLECULAR EXCITATION
NUCLEON-NUCLEON SCATTERING
SCATTERING

PARTICLE COUNTERS
USE RADIATION COUNTERS

PARTICLE DECAY
USE RADIOACTIVE DECAY

PARTICLE DENSITY (CONCENTRATION)
2901 2902 2903
GS DENSITY (NUMBER/VOLUME)
#PARTICLE DENSITY (CONCENTRATION)
..ELECTRON DENSITY (CONCENTRATION)
...CARRIER DENSITY (SOLID STATE)
...ELECTRON DENSITY PROFILES
...IONOSPHERIC ELECTRON DENSITY
...MAGNETOSPHERIC ELECTRON DENSITY
..ELECTRON DISTRIBUTION
...ELECTRON DENSITY PROFILES
..ION DENSITY (CONCENTRATION)
...IONOSPHERIC ION DENSITY
...MAGNETOSPHERIC ION DENSITY
....MAGNETOSPHERIC PROTON DENSITY
...PROTON DENSITY (CONCENTRATION)
....MAGNETOSPHERIC PROTON DENSITY
..PLASMA DENSITY
RT ATMOSPHERIC DENSITY
ESRO 4 SATELLITE
ION STRIPPING
IONOSPHERIC COMPOSITION
SPACE DENSITY
SPATIAL DISTRIBUTION

PARTICLE DETECTORS
USE RADIATION COUNTERS

PARTICLE DIFFUSION
1203 2403 2405
GS DIFFUSION
#PARTICLE DIFFUSION
..ELECTRON DIFFUSION
..IONIC DIFFUSION
RT ATOMIC BEAMS
BOLTZMANN TRANSPORT EQUATION
DIFFUSION COEFFICIENT
DIFFUSION LENGTH
DROP SIZE
FLUX (RATE)
GASEOUS SELF-DIFFUSION
MOLECULAR DIFFUSION
MUON SPIN ROTATION
SELF DIFFUSION (SOLID STATE)
THERMOPHORESIS

PARTICLE EMISSION
2402 2403 2406 2502
GS EMISSION
#PARTICLE EMISSION
..ELECTRON EMISSION
...FIELD EMISSION
...PHOTOELECTRIC EMISSION
...SECONDARY EMISSION
..ION EMISSION
..NEUTRON EMISSION
..THERMIONIC EMISSION
RT EXHAUST EMISSION
EXPULSION
SELF SUSTAINED EMISSION
STIMULATED EMISSION

PARTICLE ENERGY
2401
GS #PARTICLE ENERGY
.ELECTRON ENERGY
..ELECTRON STATES
.PROTON ENERGY
RT % ENERGY
INTERNAL ENERGY
KINETIC ENERGY
MONOCHROMATIZATION
% PARTICLE INTENSITY

PARTICLE FLUX
USE FLUX (RATE)

PARTICLE FLUX DENSITY
2311 2401 3009
SN (LIMITED TO PARTICLE EMISSION OR DETECTION RATE PER UNIT AREA)
GS RATES (PER TIME)
.FLUX DENSITY
..RADIANT FLUX DENSITY
..#PARTICLE FLUX DENSITY
....ELECTRON FLUX DENSITY
....NEUTRON FLUX DENSITY
....PROTON FLUX DENSITY
RT HELIOS SATELLITES
% PARTICLE INTENSITY
RADIANCY
RADIATION COUNTERS
RADIATION PRESSURE
SOLAR CONSTANT
SOLAR FLUX DENSITY

PARTICLE IMAGE DISPLACEMENT VELOCIMETRY
USE PARTICLE IMAGE VELOCIMETRY

PARTICLE IMAGE VELOCIMETRY
1406
UF PARTICLE IMAGE DISPLACEMENT VELOCIMETRY
PIDV (VELOCIMETRY)
PIV (VELOCIMETRY)
GS MECHANICAL MEASUREMENT
.FLOW MEASUREMENT
.#PARTICLE IMAGE VELOCIMETRY
.VELOCITY MEASUREMENT
.#PARTICLE IMAGE VELOCIMETRY
RT FLOW DISTRIBUTION
FLOW VELOCITY
FLOW VISUALIZATION
IMAGING TECHNIQUES
LASER DOPPLER VELOCIMETERS
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHIC RECORDING
TWO PHASE FLOW

PARTICLE IN CELL TECHNIQUE
1902 2403 3501
GS ANALYSIS (MATHEMATICS)
.NUMERICAL ANALYSIS
..APPROXIMATION
..#PARTICLE IN CELL TECHNIQUE
RT % CELLS
CRYSTAL LATTICES

FLOW EQUATIONS
% METHODOLOGY
VORTEX IN CELL TECHNIQUE

% PARTICLE INTENSITY
2202 2307 2403 3009
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT PARTICLE ENERGY
PARTICLE FLUX DENSITY

PARTICLE INTERACTIONS
2311 2404 2405 3009
GS #PARTICLE INTERACTIONS
.ELEMENTARY PARTICLE INTERACTIONS
..HIGH ENERGY INTERACTIONS
...STRONG INTERACTIONS (FIELD THEORY)
..MESON-MESON INTERACTIONS
..MESON-NUCLEON INTERACTIONS
..NUCLEAR CAPTURE
...ELECTRON CAPTURE
..NUCLEON-NUCLEON INTERACTIONS
..WEAK ENERGY INTERACTIONS
...WEAK INTERACTIONS (FIELD THEORY)
.ION ATOM INTERACTIONS
.MOLECULAR INTERACTIONS
..MOLECULAR COLLISIONS
.NUCLEAR INTERACTIONS
..NUCLEAR CAPTURE
...ELECTRON CAPTURE
..SPIN-ORBIT INTERACTIONS
...ELECTRON CAPTURE
..WEAK INTERACTIONS (FIELD THEORY)
.PLASMA-PARTICLE INTERACTIONS
.WAVE-PARTICLE INTERACTIONS
RT BRAGG CURVE
CHARM (PARTICLE PHYSICS)
CHEMICAL REACTIONS
COLLISION PARAMETERS
ELECTRON PHONON INTERACTIONS
ELECTRON SCATTERING
FEYNMAN DIAGRAMS
FLAVOR (PARTICLE PHYSICS)
% INTERACTIONS
NEUTRAL CURRENTS
NUCLEAR REACTIONS
PHOTONUCLEAR REACTIONS
PHOTOPHORESIS
QUANTUM CHROMODYNAMICS

PARTICLE LADEN JETS
0101
RT FUEL FLOW
JET FLOW
PARTICLES
TURBULENT FLOW

PARTICLE MASS
2202 2403 2405
GS MASS
#PARTICLE MASS
..ELECTRON MASS
RT GRAVITINOS
MAGNETIC RIGIDITY
NUCLIDES

PARTICLE MOTION
2202 2307 2308 2403
RT DIFFRACTION RADIATION
ELECTROPHORESIS
FALLING
LATTICE VIBRATIONS
MAGNETIC RIGIDITY
MEAN FREE PATH
% MOTION
NEUTRAL SHEETS
PHOTOPHORESIS
RECOILINGS
RELATIVISTIC VELOCITY
SETTLING
THERMOPHORESIS

PARTICLE PRECIPITATION
2402
GS #PARTICLE PRECIPITATION
.ELECTRON PRECIPITATION
.PROTON PRECIPITATION
RT ATOMIC STRUCTURE
CHARGED PARTICLES
% PRECIPITATION

PARTICLE PRODUCTION
2202 2203 2403 3009
GS #PARTICLE PRODUCTION
.KAON PRODUCTION
.PAIR PRODUCTION
.PHOTOPRODUCTION
RT COMMINUTION
CORPUSCULAR RADIATION
HIGH ENERGY INTERACTIONS
NUCLEAR RADIATION
NUCLEAR REACTIONS
PARTICLES
RADIOACTIVITY
SPALLATION

PARTICLE SIZE DISTRIBUTION
2403 2405 2502
GS SIZE DISTRIBUTION
#PARTICLE SIZE DISTRIBUTION
RT DIMENSIONS
DROP SIZE
FINENESS
FINES
FRACTIONS
GRAIN SIZE
PARTICLES
PARTICULATES
PRECIPITATION PARTICLE MEASUREMENT
SIZE DETERMINATION
SIZE SEPARATION
SOLIDS FLOW
THERMOPHORESIS

PARTICLE SPIN
2405
GS SPIN
#PARTICLE SPIN
..ELECTRON SPIN
..ISOTOPIC SPIN
..NUCLEAR SPIN
RT ANGULAR MOMENTUM
ISING MODEL
MUON SPIN ROTATION
NUCLEAR MAGNETIC RESONANCE
NUCLEAR PHYSICS
PARITY
QUENCHING (ATOMIC PHYSICS)
SPIN RESONANCE

PARTICLE TELESCOPES
1412 3001 2903
UF ELECTRON TELESCOPES
GEP TELESCOPES
GODDARD EXPERIMENT PACKAGE
TELESCOPE
PROTON TELESCOPES
GS MEASURING INSTRUMENTS
.COUNTERS
..RADIATION COUNTERS
..#PARTICLE TELESCOPES
.RADIATION MEASURING INSTRUMENTS
..RADIATION COUNTERS
..#PARTICLE TELESCOPES
TELESCOPES
#PARTICLE TELESCOPES
RT GEIGER COUNTERS
SATELLITE-BORNE INSTRUMENTS
SCINTILLATION COUNTERS

PARTICLE THEORY
2202 2403 2405
RT BODY KINEMATICS

CHARM (PARTICLE PHYSICS)
COLLISION PARAMETERS
FLAVOR (PARTICLE PHYSICS)
GRAND UNIFIED THEORY
% INTERACTIONS
MANY BODY PROBLEM
PLASMA-PARTICLE INTERACTIONS
QUARK MODELS
STRING THEORY
SUPERGRAVITY
SUPERSYMMETRY
% THEORIES
UNIFIED FIELD THEORY
WEAK ENERGY INTERACTIONS

PARTICLE TRACKS
2401 2403 1804
RT CHEMICAL ANALYSIS
CORE SAMPLING
COSMIC RAYS
FOSSILS
GEOCHRONOLOGY
LUNAR ROCKS
METEOROIDS
NUCLEAR PARTICLES
RADIATION EFFECTS
STRATIGRAPHY
TRACE ELEMENTS
% TRACKS

PARTICLE TRAJECTORIES
2401 2403
GS TRAJECTORIES
#PARTICLE TRAJECTORIES
..ELECTRON TRAJECTORIES
RT BUBBLE CHAMBERS
CHARGED PARTICLES
ELECTRON OPTICS
IONIZING RADIATION
% MOTION
% PATHS
RACETRACKS (PARTICLE ACCELERATORS)
% TRACKS

PARTICLES
1503 1506 1703 1805 1901 2403
GS #PARTICLES
.AEROSOLS
..FOG
.CHARGED PARTICLES
..ANTIPROTONS
..ENERGETIC PARTICLES
...ELECTRONS
....CONDUCTION ELECTRONS
....HIGH ENERGY ELECTRONS
....HOT ELECTRONS
....N ELECTRONS
....NEGATRONS
....PI-ELECTRONS
...NUCLEI (NUCLEAR PHYSICS)
....EVEN-EVEN NUCLEI
....HEAVY NUCLEI
....HYPERNUCLEI
....ODD-EVEN NUCLEI
....ODD-ODD NUCLEI
...PLASMAS (PHYSICS)
....ARGON PLASMA
....BETA PARTICLES
....BOUNDARY LAYER PLASMAS
....COLD PLASMAS
....COLLISIONAL PLASMAS
.....STRONGLY COUPLED PLASMAS
....COLLISIONLESS PLASMAS
....COSMIC PLASMA
....CYLINDRICAL PLASMAS
....DENSE PLASMAS
.....PLASMA FOCUS
.....STRONGLY COUPLED PLASMAS
....ELECTRON PLASMA
....ELECTRON-POSITRON PLASMAS
....ELLIPTICAL PLASMAS
....HELIUM PLASMA
....HIGH TEMPERATURE PLASMAS
....HYDROGEN PLASMA
.....DEUTERIUM PLASMA
....LASER PLASMAS
....METALLIC PLASMAS
.....CESIUM PLASMA
....MICROPLASMAS
....NITROGEN PLASMA
....NONEQUILIBRIUM PLASMAS
....NONUNIFORM PLASMAS
....OXYGEN PLASMA
....RAREFIED PLASMAS
....RELATIVISTIC PLASMAS
....ROTATING PLASMAS
....SEMICONDUCTOR PLASMAS
....SPACE PLASMAS
.....SOLAR WIND
.....STELLAR WINDS
....SPHERICAL PLASMAS
....THERMAL PLASMAS
....TOROIDAL PLASMAS
..IONIZED GASES
...LORENTZ GAS
..MAGNETICALLY TRAPPED PARTICLES
...RADIATION BELTS
....ARTIFICIAL RADIATION BELTS
....INNER RADIATION BELT
....OUTER RADIATION BELT
....PROTON BELTS
..PARTONS
..PLASMA CLOUDS
...MAGNETIC CLOUDS
..PLASMA JETS
...RADIO JETS (ASTRONOMY)
..PLASMA LAYERS
...PLASMA SHEATHS
..PLASMA SLABS
..POSITRONS
..PROTONS
...RECOIL PROTONS
...SOLAR PROTONS
.CORPUSCULAR RADIATION
..ELECTRON PRECIPITATION
..ELECTRON RADIATION
...BETA PARTICLES
...ELECTRON BEAMS
....RELATIVISTIC ELECTRON BEAMS
..PRIMARY COSMIC RAYS
...SOLAR COSMIC RAYS
..RADIATION BELTS
..SOLAR CORPUSCULAR RADIATION
...SOLAR ELECTRONS
...SOLAR NEUTRONS
...SOLAR PROTONS
.DROPS (LIQUIDS)
..RAINDROPS
.DUST
..COSMIC DUST
...INTERPLANETARY DUST
....METEOROID DUST CLOUDS
.....ZODIACAL DUST
..LUNAR DUST
..TERRESTRIAL DUST BELT
.ELEMENTARY PARTICLES
..ANTIPARTICLES
...ANTINEUTRINOS
...ANTINUCLEONS
...ANTIPROTONS
...POSITRONS
..BETA PARTICLES
..BOSONS
...ALPHA PARTICLES
...MESONS
....ETA-MESONS
....KAONS
....MESON RESONANCE
.....X MESONS
....MUONS
....PIONS
....VECTOR MESONS
.....RHO-MESONS
.....SIGMA-MESONS
...PHOTONS

...XI HYPERONS
..DEUTERONS
..ELECTRON-POSITRON PAIRS
..FERMIONS
...BARYONS
....HYPERONS
.....XI HYPERONS
....OMEGA-MESONS
....RHO-MESONS
....SIGMA-MESONS
...ETA-MESONS
...LEPTONS
....ANTINEUTRINOS
....MUONS
....NEUTRINOS
.....SOLAR NEUTRINOS
...MESON RESONANCE
...NEUTRONS
....COLD NEUTRONS
....FAST NEUTRONS
....PHOTONEUTRONS
....SOLAR NEUTRONS
....THERMAL NEUTRONS
...PROTONS
....RECOIL PROTONS
....SOLAR PROTONS
..GLUONS
..GRAVITINOS
..GRAVITONS
..HADRONS
...BARYONS
....OMEGA-MESONS
....RHO-MESONS
....SIGMA-MESONS
...MESONS
....KAONS
....MUONS
....OMEGA-MESONS
....VECTOR MESONS
.....RHO-MESONS
.....SIGMA-MESONS
..MAGNETIC MONOPOLES
..NUCLEONS
..PARTONS
..QUARKS
..TACHYONS
.FLAKES
.METAL PARTICLES
..METAL POWDER
...PLATINUM BLACK
...POWDERED ALUMINUM
....SINTERED ALUMINUM POWDER
.MICROPARTICLES
.MIST
.NEUTRAL PARTICLES
..GRAVITINOS
..NEUTRONS
...COLD NEUTRONS
...FAST NEUTRONS
...PHOTONEUTRONS
...SOLAR NEUTRONS
...THERMAL NEUTRONS
.NUCLEAR PARTICLES
..ANTIPARTICLES
...ANTINEUTRINOS
...ANTINUCLEONS
...ANTIPROTONS
...POSITRONS
..BETA PARTICLES
..BOSONS
...ALPHA PARTICLES
...MESONS
....ETA-MESONS
....KAONS
....MESON RESONANCE
.....X MESONS
....MUONS
....PIONS
....VECTOR MESONS
.....RHO-MESONS
.....SIGMA-MESONS
...PHOTONS
...XI HYPERONS
..NUCLEONS
..PHOTOELECTRONS
.PARTICULATES
..SOOT
.POLLEN
.POWDER (PARTICLES)
..FINES
..METAL POWDER
...PLATINUM BLACK
...POWDERED ALUMINUM
....SINTERED ALUMINUM POWDER
.RELATIVISTIC PARTICLES
..RELATIVISTIC ELECTRON BEAMS
.TRAPPED PARTICLES
..MAGNETICALLY TRAPPED PARTICLES
...RADIATION BELTS
....ARTIFICIAL RADIATION BELTS
....INNER RADIATION BELT
....OUTER RADIATION BELT
....PROTON BELTS
RT AIR POLLUTION
CHEMICAL CLOUDS
% CLOUDS
COLLOIDS
DEUTERON IRRADIATION
DIRT
DISPERSIONS
GAS ATOMIZATION
% GRAINS
GRANULAR MATERIALS
GRIT
ION STRIPPING
IONS
NEUTRAL BEAMS
NEUTRON BEAMS
NODULES
NONPOINT SOURCES
PARTICLE LADEN JETS
PARTICLE PRODUCTION
PARTICLE SIZE DISTRIBUTION
POSITRON ANNIHILATION
PRECIPITATION PARTICLE MEASUREMENT
PROTON PRECIPITATION
SMOKE

PARTICULATE FILTERS
USE FLUID FILTERS

PARTICULATE REINFORCED COMPOSITES
3202
GS COMPOSITE MATERIALS
#PARTICULATE REINFORCED COMPOSITES
RT METAL MATRIX COMPOSITES
METAL PARTICLES
MICROPARTICLES
PARTICULATES
REINFORCING MATERIALS

PARTICULATE SAMPLING
0601 0602 0603
GS SAMPLING
#PARTICULATE SAMPLING
RT ASSAYING
CHEMICAL ANALYSIS
CONCENTRATION (COMPOSITION)
IDENTIFYING
PARTICULATES

PARTICULATES
0601
GS PARTICLES
#PARTICULATES
..SOOT
RT AEROSOLS
AIR POLLUTION
AIR QUALITY
AIR SAMPLING
ATMOSPHERIC COMPOSITION
COMBUSTION PRODUCTS
CONTAMINANTS
DISPERSIONS
DUST

EXHAUST GASES
FLY ASH
PARTICLE SIZE DISTRIBUTION
PARTICULATE REINFORCED COMPOSITES
PARTICULATE SAMPLING
POLLUTION CONTROL
POLLUTION MONITORING
SMOG
SMOKE
SOLID SUSPENSIONS

% PARTITIONS
0202 1504 1902 2311 2806 3203 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CURTAINS
PARTITIONS (MATHEMATICS)
PARTITIONS (STRUCTURES)
SEPTUM

PARTITIONS (MATHEMATICS)
1902
GS ANALYSIS (MATHEMATICS)
.COMBINATORIAL ANALYSIS
.#PARTITIONS (MATHEMATICS)
RT COMBINATIONS (MATHEMATICS)
EQUIVALENCE
% PARTITIONS
PERMUTATIONS

PARTITIONS (STRUCTURES)
3202
RT BULKHEADS
CURTAINS
% PARTITIONS
THIN WALLS
WALLS

PARTONS
2401 2403 2405
GS PARTICLES
.CHARGED PARTICLES
.#PARTONS
.ELEMENTARY PARTICLES
.#PARTONS
RT HADRONS
LEPTONS
QUARK PARTON MODEL
QUARKS

PARTS
USE COMPONENTS

PAS
3107
UF PERIGEE-APOGEE SATELLITES
GS ARTIFICIAL SATELLITES
#PAS
RT ELLIPTICAL ORBITS
TWENTY-FOUR HOUR ORBITS

PASCAL (PROGRAMMING LANGUAGE)
0802
GS LANGUAGES
.PROGRAMMING LANGUAGES
.#PASCAL (PROGRAMMING LANGUAGE)
RT COMPILERS
COMPUTER PROGRAMMING

PASCHEN SERIES
1411 2401 2402 3009
GS SPECTRA
.RADIATION SPECTRA
..ELECTROMAGNETIC SPECTRA
...LINE SPECTRA
...#PASCHEN SERIES
RT ABSORPTION SPECTRA
ATOMIC SPECTRA
ELECTRON TRANSITIONS
EMISSION SPECTRA
H LINES
HYDROGEN

PASSAGEWAYS
1101 1102 1105 1106 1504 3203
GS #PASSAGEWAYS
.STRAITS
..TORRES STRAIT
.TRANSFER TUNNELS
RT APPROACH
CAVITIES
CORRIDORS
GAPS
NOTCHES
OPENINGS
% PATHS
ROADS
% TUNNELS
UNDERGROUND STRUCTURES
VESTIBULES

PASSENGER AIRCRAFT
0201 0204 0205
UF EXECUTIVE AIRCRAFT
GS #PASSENGER AIRCRAFT
.BAC 111 AIRCRAFT
.BO-105 HELICOPTER
.BOEING 707 AIRCRAFT
.BOEING 720 AIRCRAFT
.BOEING 727 AIRCRAFT
.BOEING 737 AIRCRAFT
.BOEING 747 AIRCRAFT
.BOEING 757 AIRCRAFT
.BOEING 767 AIRCRAFT
.BOEING 2707 AIRCRAFT
.BREGUET 941 AIRCRAFT
.C-33 AIRCRAFT
.C-35 AIRCRAFT
.C-46 AIRCRAFT
.CESSNA 172 AIRCRAFT
.CESSNA 205 AIRCRAFT
.CESSNA 210 AIRCRAFT
.CESSNA 402B AIRCRAFT
.CH-3 HELICOPTER
.CH-46 HELICOPTER
.CH-47 HELICOPTER
.CH-54 HELICOPTER
.COMET 4 AIRCRAFT
.COMMUTER AIRCRAFT
.CV-340 AIRCRAFT
.CV-440 AIRCRAFT
.CV-880 AIRCRAFT
.CV-990 AIRCRAFT
.DC 8 AIRCRAFT
.DC 10 AIRCRAFT
.DH 121 AIRCRAFT
.DH 125 AIRCRAFT
.DO-27 AIRCRAFT
.DO-28 AIRCRAFT
.ELECTRA AIRCRAFT
.EUROPEAN AIRBUS
..A-300 AIRCRAFT
..A-310 AIRCRAFT
..A-320 AIRCRAFT
.F-27 AIRCRAFT
.F-28 HELICOPTER
.F-28 TRANSPORT AIRCRAFT
.G-1 AIRCRAFT
.G-222 AIRCRAFT
.H-19 HELICOPTER
.H-53 HELICOPTER
.H-56 HELICOPTER
.HFB-320 AIRCRAFT
.HS-748 AIRCRAFT
.IL-62 AIRCRAFT
.JETSTREAM AIRCRAFT
.L-1011 AIRCRAFT
.L-2000 AIRCRAFT
.MYSTERE 20 AIRCRAFT
.OH-5 HELICOPTER
.P-160 AIRCRAFT
.P-166 AIRCRAFT
.SE-210 AIRCRAFT
.T-39 AIRCRAFT

.TU-104 AIRCRAFT
.TU-124 AIRCRAFT
.TU-134 AIRCRAFT
.TU-144 AIRCRAFT
.U-10 AIRCRAFT
.VC-10 AIRCRAFT
.VISCOUNT AIRCRAFT
.YAK 40 AIRCRAFT
.YS-11 AIRCRAFT
RT AIR TRANSPORTATION
% AIRCRAFT
AN-22 AIRCRAFT
AN-24 AIRCRAFT
CARGO AIRCRAFT
CIVIL AVIATION
COMMERCIAL AIRCRAFT
DC 7 AIRCRAFT
E-2 AIRCRAFT
GENERAL AVIATION AIRCRAFT
GROUND EFFECT MACHINES
HC-3 HELICOPTER
JET AIRCRAFT
LIGHT AIRCRAFT
LIGHT TRANSPORT AIRCRAFT
% LOW WING AIRCRAFT
MERCURE AIRCRAFT
MH-262 AIRCRAFT
% MILITARY AIRCRAFT
MYSTERE 50 AIRCRAFT
P-531 HELICOPTER
PD-808 AIRCRAFT
ROTARY WING AIRCRAFT
SAAB 105 AIRCRAFT
SC-7 AIRCRAFT
SHORT HAUL AIRCRAFT
% SUBSONIC AIRCRAFT
SUPERSONIC AIRCRAFT
SUPERSONIC TRANSPORTS
TRANSPORT AIRCRAFT
TU-154 AIRCRAFT
TURBOFAN AIRCRAFT
TURBOPROP AIRCRAFT
V/STOL AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT

PASSENGERS
0203 0204 0502
RT AIRLINE OPERATIONS
AUTOMATED GUIDEWAY TRANSIT VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
AUTOMATED TRANSIT VEHICLES
PAYLOADS
RAPID TRANSIT SYSTEMS
RIDING QUALITY
TRANSPORTATION

PASSES
USE GAPS (GEOLOGY)

PASSIVATION
USE PASSIVITY

PASSIVE ELEMENTS
USE PARASITIC ELEMENTS (ANTENNAS)

PASSIVE L-BAND RADIOMETERS
1404 1406 1407 1409 2402
GS MEASURING INSTRUMENTS
.RADIATION MEASURING INSTRUMENTS
..ACTINOMETERS
...RADIOMETERS
...#PASSIVE L-BAND RADIOMETERS
RT MICROWAVE FREQUENCIES
ULTRAHIGH FREQUENCIES

PASSIVE NOSETIP TECHNOLOGY
USE PANT PROGRAM

PASSIVE SATELLITES
0706 3107 3502
UF REFLECTOR SATELLITES
GS ARTIFICIAL SATELLITES
#PASSIVE SATELLITES
..BEACON SATELLITES
...BEACON EXPLORER A
...EXPLORER 22 SATELLITE
..ECHO SATELLITES
...ECHO 1 SATELLITE
...ECHO 2 SATELLITE
..LAGEOS (SATELLITE)
..PAGEOS SATELLITE
RT ACTIVE SATELLITES
COMMUNICATION SATELLITES
ECHO PROJECT
GEODETIC SATELLITES
NAVIGATION SATELLITES
SYNCHRONOUS SATELLITES

PASSIVITY
0603 1703
UF PASSIVATION
RT ANODIZING
CHEMICAL ATTACK
CHEMICAL PROPERTIES
COATINGS
CORROSION
CORROSION PREVENTION
CORROSION RESISTANCE
DEACTIVATION
ELECTROLYSIS
% INHIBITION
INHIBITORS
OXIDATION
OXIDATION RESISTANCE
RUSTING
SILICONIZING

PASTE (CONSISTENCY)
1805
RT MIXTURES

PASTES
0403 1805 3404
GS ADHESIVES
#PASTES
RT GLUES
PLASTERS

PASTEURIZING
0505 0602 3404
GS HEATING
#PASTEURIZING
RT PURIFICATION
STERILIZATION

PATCH TESTS
0405 0408
SN (CONDITIONS FOR ASSESSING FINITE ELEMENT METHOD CONVERGENCE AND STABILITY PROPERTIES)
RT CONVERGENCE
FINITE ELEMENT METHOD
HYDRAULIC FLUIDS
STRUCTURAL ANALYSIS
% TESTS

PATENT APPLICATIONS
3402 3403 3404
RT COPYRIGHTS
INVENTIONS
LICENSING
PATENTS
PRODUCT DEVELOPMENT
TECHNOLOGY UTILIZATION

PATENT POLICY
3401 3402 3403
GS POLICIES
#PATENT POLICY
RT INVENTIONS
PATENTS
PRODUCT DEVELOPMENT
REGULATIONS
RULES

PATENTS
3402 3403 3404 9001
RT CLAIMING
GRANTS
INVENTIONS
PATENT APPLICATIONS
PATENT POLICY

PATH PLANNING
USE TRAJECTORY PLANNING

PATHFINDER NUCLEAR REACTOR
0905 2104
GS NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR POWER REACTORS
.#PATHFINDER NUCLEAR REACTOR
NUCLEAR REACTORS
.LIQUID COOLED REACTORS
..WATER COOLED REACTORS
...BOILING WATER REACTORS
...#PATHFINDER NUCLEAR REACTOR
.NUCLEAR POWER REACTORS
.#PATHFINDER NUCLEAR REACTOR

PATHOGENESIS
0405 0412
RT CHOLERA
DISEASES
PATHOGENS

PATHOGENS
0405 0408 0411 0412
RT BACTERIA
CLOSTRIDIUM BOTULINUM
PATHOGENESIS

PATHOLOGICAL EFFECTS
0405 0408 0412
RT BIOLOGICAL EFFECTS
CARBON MONOXIDE POISONING
CHOLERA
DISEASES
% EFFECTS
PHYSIOLOGICAL RESPONSES
% STRESS (BIOLOGY)

PATHOLOGY
0404 0405
GS MEDICAL SCIENCE
#PATHOLOGY
..HUMAN PATHOLOGY
RT AUTOPSIES
DIAGNOSIS
DISSECTION
HEMORRHAGES
RADIATION THERAPY
VETERINARY MEDICINE

% PATHS
0803 1001 1902 2101 2102 3006 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF COURSES
LANES
RT CRITICAL PATH METHOD
DIFFRACTION PATHS
DUALITY PRINCIPLE
FLIGHT PATHS
GROUND TRACKS
MEAN FREE PATH
METEOR TRAILS
MULTIPATH TRANSMISSION
NETWORK ANALYSIS
OPERATIONS RESEARCH
OPTICAL PATHS
ORBITS
PARTICLE TRAJECTORIES
PASSAGEWAYS
PERT
ROUTES
SOUND TRANSMISSION
THERMODYNAMICS
TRAJECTORIES

PATIENTS
0405 0410
RT HUMAN BEINGS
HUMAN PATHOLOGY
THERAPY

PATRIOT MISSILE
3101
GS MISSILES
.SURFACE TO AIR MISSILES
.#PATRIOT MISSILE
RT MISSILE CONFIGURATIONS
% ROCKETS
WEAPONS

PATROLS
3401
RT RECONNAISSANCE

PATTERN DISTRIBUTION
USE DISTRIBUTION (PROPERTY)

PATTERN METHOD (FORECASTING)
1905 3402 3404
GS FORECASTING
.TECHNOLOGICAL FORECASTING
.#PATTERN METHOD (FORECASTING)
MANAGEMENT METHODS
#PATTERN METHOD (FORECASTING)
RT DELPHI METHOD (FORECASTING)
ESTIMATING
% METHODOLOGY
OPERATIONS RESEARCH
PLANNING
PREDICTIONS
PROBE METHOD (FORECASTING)
TECHNOLOGY ASSESSMENT

PATTERN RECOGNITION
0408 0503 0802
UF AUTOMATIC PATTERN RECOGNITION
FEATURE EXTRACTION
GS RECOGNITION
#PATTERN RECOGNITION
..CHARACTER RECOGNITION
..GRAPHOLOGY
RT CHANGE DETECTION
CLUMPS
CLUSTER ANALYSIS
COMPUTER VISION
CONTEXT
EDGE DETECTION
FEATURE IDENTIFICATION AND LOCATION EXPER
GRAY SCALE
IMAGE ANALYSIS
IMAGE CLASSIFICATION
MULTISENSOR APPLICATIONS
OPTICAL RELAY SYSTEMS
PRINCIPAL COMPONENTS ANALYSIS
READERS
REPETITION

PATTERN REGISTRATION
1401 1406 1407 1412 2311
RT COMPARISON
IMAGE CONTRAST
IMAGE CORRELATORS
IMAGE MOTION COMPENSATION
IMAGE RECONSTRUCTION
IMAGE RESOLUTION
IMAGING TECHNIQUES
MAGNETIC SIGNATURES
MATCHING

% PATTERNS
1504 1902 3404 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)

RT DIFFRACTION PATTERNS
DISTRIBUTION (PROPERTY)
DRAINAGE PATTERNS
KURTOSIS
MOLDS
PHOTOMASKS
PROTOTYPES
RADIATION DISTRIBUTION
REGULARITY
RESINS
SPECKLE PATTERNS
SYNTHETIC ARRAYS
TEMPLATES
TEST PATTERN GENERATORS
WIDMANSTATTEN STRUCTURE

PATTERSON MAP
0710 2402 2406
GS CHARTS
.GRAPHS (CHARTS)
.#PATTERSON MAP
RT CRYSTAL LATTICES
CRYSTAL STRUCTURE
LATTICE PARAMETERS

PAULI EXCLUSION PRINCIPLE
2308 2401 2403
GS QUANTUM MECHANICS
#PAULI EXCLUSION PRINCIPLE
WAVE FUNCTIONS
#PAULI EXCLUSION PRINCIPLE
RT ATOMIC STRUCTURE
EXCLUSION
FERMIONS

PAVEMENTS
1101 1108 3202 3203 3501
RT ASPHALT
COATINGS
CONCRETES
FOUNDATIONS
HIGHWAYS
ROADS
RUNWAYS
STREETS

PAYLOAD ASSIST MODULE
1410
GS MODULES
#PAYLOAD ASSIST MODULE
ROCKET VEHICLES
#PAYLOAD ASSIST MODULE
RT INSTRUMENT PACKAGES
PAYLOADS
SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS

PAYLOAD CONTROL
3401
RT % CONTROL
PAYLOADS
SOUNDING ROCKETS
SPACE SHUTTLES

PAYLOAD DELIVERY (STS)
3406
GS DELIVERY
#PAYLOAD DELIVERY (STS)
RT ADVANCED LAUNCH SYSTEM (STS)
ELECTRIC POWER SUPPLIES
ORBIT INSERTION
ORBIT TRANSFER VEHICLES
ORBITAL LAUNCHING
PAYLOADS
POWER MODULES (STS)
SOLAR ARRAYS
SPACE TRANSPORTATION SYSTEM

PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
3401
GS #PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
.REMOTE MANIPULATOR SYSTEM
RT MANIPULATORS
NASA PROGRAMS
ORBIT TRANSFER VEHICLES
PAYLOADS
REMOTE HANDLING
SPACE SHUTTLES
% SYSTEMS

PAYLOAD INTEGRATION
3104
RT MISSION PLANNING
PAYLOAD INTEGRATION PLAN
PAYLOADS
SPACE SHUTTLE PAYLOADS

PAYLOAD INTEGRATION PLAN
3104
RT PAYLOAD INTEGRATION
PAYLOADS
% PLANS
SPACE SHUTTLE ORBITERS
SPACE SHUTTLE PAYLOADS
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS

PAYLOAD MASS RATIO
3110
GS RATIOS
.MASS RATIOS
.#PAYLOAD MASS RATIO
RT MULTISTAGE ROCKET VEHICLES
PIGGYBACK SYSTEMS
PRESSURE RATIO
PROPELLANT MASS RATIO

PAYLOAD RETRIEVAL (STS)
3401
GS RETRIEVAL
#PAYLOAD RETRIEVAL (STS)
RT ORBIT TRANSFER VEHICLES
ORBITAL RENDEZVOUS
PAYLOAD TRANSFER
REMOTE MANIPULATOR SYSTEM
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
STATIONKEEPING

PAYLOAD STATIONS
3109
SN (THE POSITION OR MOUNTING PLACE FOR A PAYLOAD ONBOARD A ROCKET VEHICLE, SPACECRAFT, OR SPACE STATION; EXCLUDES ORBITAL STATIONS AND CREW WORKSTATIONS)
GS STATIONS
#PAYLOAD STATIONS
RT PAYLOADS
SPACE TRANSPORTATION

PAYLOAD TRANSFER
0201
RT ORBITAL SERVICING
PAYLOAD RETRIEVAL (STS)
SPACE MAINTENANCE

PAYLOADS
0201 0202 3104 3110
GS #PAYLOADS
.EXPOS (SPACELAB PAYLOAD)
.OSTA-2 PAYLOAD
.SEPAC (PAYLOAD)
.SHUTTLE IMAGING RADAR
.SORTIE SYSTEMS
.SPACE SHUTTLE PAYLOADS
..ADVANCED TECHNOLOGY LABORATORY
..ASTRO MISSIONS (STS)
..ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT
..EARTH RADIATION BUDGET EXPERIMENT
..EARTH VIEWING APPLICATIONS LABORATORY

..ELECTROMAGNETIC ENVIRONMENT EXPERIMENT
..GET AWAY SPECIALS (STS)
..HALOGEN OCCULTATION EXPERIMENT
..OSS-1 PAYLOAD
..OSTA-1 PAYLOAD
..OSTA-3 PAYLOAD
..PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
..PLASMA INTERACTION EXPERIMENT
..SPACELAB
..X RAY ASTROPHYSICS FACILITY
.SPACE STATION PAYLOADS
.SPACELAB PAYLOADS
..AMPS (SATELLITE PAYLOAD)
..ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)
..ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT
..GEOPHYSICAL FLUID FLOW CELLS
..SOLAR CELL CALIBRATION FACILITY
RT AIRCRAFT PERFORMANCE
AIRCRAFT SPECIFICATIONS
ANNULAR SUSPENSION AND POINTING SYSTEM
APOLLO LUNAR SURFACE EXPERIMENTS PACKAGE
ASTEROID CAPTURE
EASEP
GERMAN INFRARED LABORATORY
INSTRUMENT PACKAGES
LIRTS (TELESCOPE)
% LOADING
LOADS (FORCES)
PASSENGERS
PAYLOAD ASSIST MODULE
PAYLOAD CONTROL
PAYLOAD DELIVERY (STS)
PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
PAYLOAD INTEGRATION
PAYLOAD INTEGRATION PLAN
PAYLOAD STATIONS
PIGGYBACK SYSTEMS
SPACE PROCESSING APPLICATIONS
ROCKET
SPACE TRANSPORTATION
SPACE TUGS
SPACEBORNE EXPERIMENTS
VERTICAL 8 ROCKET
WARHEADS
% WEIGHT
WEIGHT (MASS)

PBB
USE POLYBROMINATED BIPHENYLS

PBRE (REACTORS)
USE PEBBLE BED REACTORS

PCB
USE POLYCHLORINATED BIPHENYLS

PCM (MATERIALS)
USE PHASE CHANGE MATERIALS

PCM (MODULATION)
USE PULSE CODE MODULATION

PCM TELEMETRY
0702 0708
GS TELECOMMUNICATION
.TELEMETRY
.#PCM TELEMETRY
TRANSMISSION
.SIGNAL TRANSMISSION
..TELEMETRY
..#PCM TELEMETRY
RT DIFFERENTIAL PULSE CODE MODULATION
PULSE CODE MODULATION

PD-808 AIRCRAFT
0207
UF DOUGLAS PD-808 AIRCRAFT
PIAGGIO-DOUGLAS PD-808 AIRCRAFT
GS JET AIRCRAFT
#PD-808 AIRCRAFT
LIGHT AIRCRAFT
#PD-808 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
.DOUGLAS AIRCRAFT
.#PD-808 AIRCRAFT
MONOPLANES
#PD-808 AIRCRAFT
PIAGGIO AIRCRAFT
#PD-808 AIRCRAFT
UTILITY AIRCRAFT
#PD-808 AIRCRAFT
RT % AIRCRAFT
PASSENGER AIRCRAFT

PDM (MODULATION)
USE PULSE DURATION MODULATION

PDP COMPUTERS
0801 0802
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#PDP COMPUTERS
....PDP 7 COMPUTER
....PDP 8 COMPUTER
....PDP 9 COMPUTER
....PDP 10 COMPUTER
....PDP 11 COMPUTER
....PDP 11/20 COMPUTER
....PDP 11/40 COMPUTER
....PDP 11/45 COMPUTER
....PDP 11/50 COMPUTER
....PDP 11/70 COMPUTER
....PDP 12 COMPUTER

PDP 7 COMPUTER
0801 0802
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
...PDP COMPUTERS
...#PDP 7 COMPUTER
RT PDP 9 COMPUTER

PDP 8 COMPUTER
0801 0802
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
...PDP COMPUTERS
...#PDP 8 COMPUTER

PDP 9 COMPUTER
0801 0802
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
...PDP COMPUTERS
...#PDP 9 COMPUTER
RT PDP 7 COMPUTER

PDP 10 COMPUTER
0801 0802
UF SYSTEM 10 COMPUTER
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
...PDP COMPUTERS
...#PDP 10 COMPUTER

PDP 11 COMPUTER
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
...PDP COMPUTERS
...#PDP 11 COMPUTER

```
PDP 11/20 COMPUTER
  0801
  GS    DATA PROCESSING EQUIPMENT
        .COMPUTERS
        ..DIGITAL COMPUTERS
        ...PDP COMPUTERS
        ...#PDP 11/20 COMPUTER

PDP 11/40 COMPUTER
  0801
  GS    DATA PROCESSING EQUIPMENT
        .COMPUTERS
        ..DIGITAL COMPUTERS
        ...PDP COMPUTERS
        ...#PDP 11/40 COMPUTER

PDP 11/45 COMPUTER
  0801
  GS    DATA PROCESSING EQUIPMENT
        .COMPUTERS
        ..DIGITAL COMPUTERS
        ...PDP COMPUTERS
        ...#PDP 11/45 COMPUTER

PDP 11/50 COMPUTER
  0801
  GS    DATA PROCESSING EQUIPMENT
        .COMPUTERS
        ..DIGITAL COMPUTERS
        ...PDP COMPUTERS
        ...#PDP 11/50 COMPUTER

PDP 11/70 COMPUTER
  0801
  GS    DATA PROCESSING EQUIPMENT
        .COMPUTERS
        ..DIGITAL COMPUTERS
        ...PDP COMPUTERS
        ...#PDP 11/70 COMPUTER

PDP 12 COMPUTER
  0801
  GS    DATA PROCESSING EQUIPMENT
        .COMPUTERS
        ..DIGITAL COMPUTERS
        ...PDP COMPUTERS
        ...#PDP 12 COMPUTER

PDP 15 COMPUTER
  0801
  GS    DATA PROCESSING EQUIPMENT
        .COMPUTERS
        ..DIGITAL COMPUTERS
        ..#PDP 15 COMPUTER

PEACETIME
  3401 3403
  RT    ELECTRONIC WARFARE
        HISTORIES
        INTERNATIONAL COOPERATION
        INTERNATIONAL LAW
        WARFARE

% PEAKS
  0404 1002 1305 1902 2311 2603
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    APEXES
        EXTREMUM VALUES
        MAXIMA
        MOUNTAINS
        PLATEAUS

PEAKS (LANDFORMS)
  1305 1306 1308
  UF    PINNACLES
  GS    LANDFORMS
        #PEAKS (LANDFORMS)
        ..PIKE'S PEAK (CO)
  RT    MOUNTAINS
        OROGRAPHY
        TOPOGRAPHY

PEARLITE
  1701 1704
  RT    CEMENTITE
        FERRITES
        IRON ALLOYS
        MICROSTRUCTURE
        STEELS

PEARSON DISTRIBUTIONS
  1902 1905
  GS    FUNCTIONS (MATHEMATICS)
        .PROBABILITY DENSITY FUNCTIONS
        .#PEARSON DISTRIBUTIONS
        STATISTICAL ANALYSIS
        .PROBABILITY DENSITY FUNCTIONS
        .#PEARSON DISTRIBUTIONS
        STATISTICAL DISTRIBUTIONS
        #PEARSON DISTRIBUTIONS

PEAT
  1805
  GS    CARBONACEOUS MATERIALS
        #PEAT
        ORGANIC MATERIALS
        #PEAT
        RESOURCES
        .EARTH RESOURCES
        ..FOSSIL FUELS
        ..#PEAT
  RT    COAL
        SEDIMENTS

PEBBLE BED REACTORS
  2202 2203 2204
  UF    PBRE (REACTORS)
  GS    NUCLEAR REACTORS
        #PEBBLE BED REACTORS
  RT    REACTOR DESIGN
        REACTOR TECHNOLOGY

PECLET NUMBER
  1202 3302 3304
  GS    RATIOS
        .DIMENSIONLESS NUMBERS
        .#PECLET NUMBER
  RT    ADVECTION
        HEAT TRANSFER
        PRANDTL NUMBER
        REYNOLDS NUMBER
        THERMAL DIFFUSION

PECULIAR GALAXIES
  3001 3009
  GS    CELESTIAL BODIES
        .GALAXIES
        .#PECULIAR GALAXIES
  RT    ELLIPTICAL GALAXIES
        GALACTIC STRUCTURE
        SPIRAL GALAXIES

PECULIAR STARS
  3001
  GS    CELESTIAL BODIES
        .STARS
        .#PECULIAR STARS
        ...SHELL STARS
        ...SIGMA ORIONIS
        ...SYMBIOTIC STARS
  RT    A STARS
        B STARS
        HOT STARS
        MAGNETIC STARS
        STELLAR SPECTRA
        STELLAR SPECTROPHOTOMETRY
        STELLAR STRUCTURE

PEDALS
  0506 1504
  RT    LEVERS
        MANUAL CONTROL
```

PEDIMENTS
USE PIEDMONTS

PEDIPLAINS
USE PIEDMONTS

PEDOLOGY
USE SOIL SCIENCE

PEEK
1808 1809 1810
UF POLYETHERETHERKETONES
GS PLASTICS
.SYNTHETIC RESINS
..POLYETHER RESINS
..#PEEK
..THERMOPLASTIC RESINS
..#PEEK
RESINS
.SYNTHETIC RESINS
..POLYETHER RESINS
..#PEEK
..THERMOPLASTIC RESINS
..#PEEK
RT CARBON FIBER REINFORCED PLASTICS
ETHERS
KETONES
POLYMER MATRIX COMPOSITES
RESIN MATRIX COMPOSITES

PEELING
1504 3407
RT ADHESION
CUTTING
DEBONDING (MATERIALS)
DELAMINATING
FLAKING
MECHANICAL PROPERTIES
SHEDDING
% STRIPPING

PEENING
1504
GS METAL FINISHING
#PEENING
..SHOT PEENING
RT COLD WORKING
HARDENING (MATERIALS)
METAL WORKING
WORK HARDENING

PEGASUS AIR-LAUNCHED BOOSTER
3103 3110
GS LAUNCH VEHICLES
#PEGASUS AIR-LAUNCHED BOOSTER
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
.#PEGASUS AIR-LAUNCHED BOOSTER
RT AIR LAUNCHING
B-52 AIRCRAFT

PEGASUS COMPUTER
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
.#PEGASUS COMPUTER

PEGASUS ENGINE
USE BRISTOL-SIDDELEY BS 53 ENGINE

PEGASUS SATELLITES
3107
GS ARTIFICIAL SATELLITES
#PEGASUS SATELLITES
RT SATURN PROJECT

PELAGIC ZONE
1305
GS REGIONS
#PELAGIC ZONE
RT OCEANOGRAPHY

PELLETS
0505 0603 1502 1504 1704 1805 3203
RT BRIQUETS
FUEL CAPSULES
GRANULAR MATERIALS
NUCLEAR FUELS
% SHOT

PELLICLE
0404 0405
RT THIN FILMS

PELOMYXA
0402
GS ANIMALS
.PROTOZOA
..AMOEBA
..#PELOMYXA
MICROORGANISMS
.PROTOZOA
..AMOEBA
..#PELOMYXA

PELTIER EFFECTS
1002 3303 3304 3501
RT % EFFECTS
SEEBECK EFFECT
TEMPERATURE EFFECTS
THERMOCOUPLES
THERMOELECTRIC COOLING
THERMOELECTRICITY
THERMOPHYSICAL PROPERTIES

PELVIS
0402 0404
GS ANATOMY
.MUSCULOSKELETAL SYSTEM
..BONES
..#PELVIS
RT GIRDLES

PENALTIES
3403
GS LAW (JURISPRUDENCE)
.PUBLIC LAW
.#PENALTIES
RT AIR LAW
DISCIPLINING
JUDGMENTS
LEGAL LIABILITY
LIABILITIES
PROHIBITION
REGULATIONS

PENALTY FUNCTION
1902
GS FUNCTIONS (MATHEMATICS)
#PENALTY FUNCTION
RT CONSTRAINTS
% FUNCTIONS
MAXIMA
MINIMA
OPTIMIZATION

PENCIL BEAMS
2401 2403 2405
GS BEAMS (RADIATION)
#PENCIL BEAMS
RT ANTENNA DESIGN
ANTENNA RADIATION PATTERNS
RADAR BEAMS

PENDULOUS GYROSCOPES
USE GYROSCOPIC PENDULUMS

PENDULUMS
1403 1504 2308
GS OSCILLATORS
.MECHANICAL OSCILLATORS
.#PENDULUMS
...GYROSCOPIC PENDULUMS
RT ACCELEROMETERS
GRAVITATION

MOMENTUM
OSCILLATIONS
TIMING DEVICES

PENETRANTS
3201
RT % AGENTS
PRESERVATIVES
RETARDANTS

PENETRATING PARTICLES
USE CORPUSCULAR RADIATION

PENETRATION
3401 3407
RT DIFFUSION
DRILLING
FRAGMENTATION
HYDRODYNAMIC RAM EFFECT
IMPACT
NUCLEAR VULNERABILITY
PERCOLATION
PERFORATING
PERMEABILITY
PERMEATING
PIERCING
% SATURATION
SEEPAGE
TERMINAL BALLISTICS
VULNERABILITY

PENETRATION BALLISTICS
USE TERMINAL BALLISTICS

PENETROMETERS
1406 2402
GS MEASURING INSTRUMENTS
#PENETROMETERS
RT LUNAR SOIL

PENICILLIN
0403 0405 1808
GS DRUGS
.ANTIBIOTICS
.#PENICILLIN

PENINSULAR RANGES (CA)
1305 1306
GS LANDFORMS
.MOUNTAINS
.#PENINSULAR RANGES (CA)
RT CALIFORNIA

PENINSULAS
1305
GS LANDFORMS
#PENINSULAS
..DELMARVA PENINSULA (DE-MD-VA)
RT ISTHMUSES
LAND
WATER

PENNING DISCHARGE
2402 2502
GS ELECTRIC CURRENT
.ELECTRIC DISCHARGES
.#PENNING DISCHARGE
RT ELECTRODELESS DISCHARGES
GAS IONIZATION
ION MOTION
PLASMA GENERATORS

PENNING EFFECT
2402 2502
RT % EFFECTS
GAS IONIZATION
METASTABLE ATOMS

PENNING GAGES
1406 2402 2502
GS MEASURING INSTRUMENTS
.PRESSURE GAGES
..VACUUM GAGES
...IONIZATION GAGES
...#PENNING GAGES
VACUUM APPARATUS
.VACUUM GAGES
..IONIZATION GAGES
..#PENNING GAGES

PENNSYLVANIA
1305
GS NATIONS
.UNITED STATES
.#PENNSYLVANIA
RT ALLEGHENY PLATEAU (US)
DELAWARE BAY (US)
DELAWARE RIVER BASIN (US)
OHIO RIVER (US)
SUSQUEHANNA RIVER BASIN (MD-NY-PA)

% PENS
1103 1502
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF STYLUSES
RT ENCLOSURES
RECORDING INSTRUMENTS

PENTABORANES
1808
GS BORON COMPOUNDS
.BORON HYDRIDES
..BORANES
..#PENTABORANES
HYDROGEN COMPOUNDS
.HYDRIDES
..BORON HYDRIDES
...BORANES
...#PENTABORANES

PENTACHLORIDES
USE CHLORIDES

PENTAERYTHRITOL TETRANITRATE
USE PETN

PENTANES
1808
GS ORGANIC COMPOUNDS
.HYDROCARBONS
..ALIPHATIC HYDROCARBONS
...ALKANES
...#PENTANES
.....NEOPENTANE

PENTANONE
1808
GS KETONES
#PENTANONE
ORGANIC COMPOUNDS
#PENTANONE
RT ACETONE
ACETYLACETONE

PENTOBARBITAL
0403 0405 1808
RT DRUGS
NARCOTICS
SEDATIVES

PENTOBARBITAL SODIUM
0603 1808
GS DRUGS
#PENTOBARBITAL SODIUM
..RESERPINE
RT NEMBUTAL (TRADEMARK)

PENTODES
0903 0905
RT ELECTRON TUBES
SEMICONDUCTOR DEVICES
TETRODES
TRANSISTORS

```
        VACUUM TUBES

PENTOLITE
  1808 3302
  GS    EXPLOSIVES
        #PENTOLITE
        PROPELLANTS
        #PENTOLITE

PENTOSE
  1808
  GS    ORGANIC COMPOUNDS
        .CARBOHYDRATES
        ..SUGARS
        ...MONOSACCHARIDES
        ...#PENTOSE
        .....RIBOSE
        .....XYLOSE

PENUMBRAS
  1902 2306 2310 3001
  GS    SHADOWS
        #PENUMBRAS
  RT    ECLIPSES
        UMBRAS

PEOLE SATELLITES
  3107
  GS    ARTIFICIAL SATELLITES
        .FRENCH SATELLITES
        .#PEOLE SATELLITES
  RT    GEOPHYSICAL SATELLITES

PEOPLES DEMOCRATIC REPUBLIC OF GERMANY
  USE   EAST GERMANY

PEPPERS
  0409 0505
  RT % FOOD

PEPSIN
  0403 1808
  GS    BIOPOLYMERS
        .PROTEINS
        ..ENZYMES
        ..#PEPSIN
        ORGANIC COMPOUNDS
        .PROTEINS
        ..ENZYMES
        ..#PEPSIN
  RT    PAPAIN

PEPTIDES
  0403 0404 1808
  GS    ORGANIC COMPOUNDS
        #PEPTIDES
        ..POLYPEPTIDES
        ...GLUTATHIONE
        ...HYPERTENSIN
  RT    AMINO ACIDS
        ASPARTIC ACID
        PROTEINS

PERCENTAGE
  USE   RATIOS

PERCEPTION
  0404 0408 0503 1409 3407 3408
  GS   #PERCEPTION
        .BINAURAL HEARING
        .MOTION PERCEPTION
        .SENSORY PERCEPTION
        ..AUDITORY PERCEPTION
        ..CONSCIOUSNESS
        ..EXTRASENSORY PERCEPTION
        ..KINESTHESIA
        ..OLFACTORY PERCEPTION
        ..PAIN
        ..PAIN SENSITIVITY
        ..PROPRIOCEPTION
        ...AUTOKINESIS
        ..TASTE
        ..TOUCH
        ...TACTILE DISCRIMINATION
        ..VERTICAL PERCEPTION
        ..VIBRATION PERCEPTION
        ..VISUAL PERCEPTION
        ...CRITICAL FLICKER FUSION
        ...SPACE PERCEPTION
        ....AUTOKINESIS
        ...VISUAL DISCRIMINATION
        .SOUND LOCALIZATION
  RT    ACUITY
        ADAPTATION
        ARTIFICIAL INTELLIGENCE
        CHARACTER RECOGNITION
        COGNITION
        COLOR
        CONTRAST
        ELECTROCUTANEOUS COMMUNICATION
      % FREQUENCY RESPONSE
        IDENTIFYING
        ILLUSIONS
        IMAGES
        INFORMATION PROCESSING (BIOLOGY)
      % INTERPRETATION
        KNOWLEDGE
        LEGIBILITY
        MONOCULAR VISION
        PERCEPTUAL TIME CONSTANT
        READING
        RESOLUTION
        RETINAL ADAPTATION
        SENSITIVITY
        SENSORY DEPRIVATION
        SENSORY FEEDBACK
        SYMBOLS
        THRESHOLDS (PERCEPTION)
        VISIBILITY
        VISION

PERCEPTRONS
  USE   SELF ORGANIZING SYSTEMS

PERCEPTUAL ERRORS
  0408
  RT    DISPLAY DEVICES
        VISUAL PERCEPTION
        VISUAL STIMULI

PERCEPTUAL TIME CONSTANT
  0405 0408
  GS    CONSTANTS
        .TIME CONSTANT
        .#PERCEPTUAL TIME CONSTANT
  RT    PERCEPTION
        REACTION TIME
        SENSE ORGANS
        SENSORIMOTOR PERFORMANCE
        VELOCITY

PERCHLORATES
  0603 1704 1804 1805
  GS    HALOGEN COMPOUNDS
        .CHLORINE COMPOUNDS
        .#PERCHLORATES
        ...ALUMINUM PERCHLORATES
        ...AMMONIUM PERCHLORATES
        ...HYDRAZINE PERCHLORATES
        ...HYDROGEN PERCHLORATE
        ...HYDROXYLAMMONIUM PERCHLORATES
        ...LITHIUM PERCHLORATES
        ...MAGNESIUM PERCHLORATES
        ...NITRONIUM PERCHLORATE
        ...POTASSIUM PERCHLORATES
  RT    CHLORATES
        PERCHLORIC ACID

PERCHLORIC ACID
  0405 0408 0603 1804
  GS    ACIDS
        #PERCHLORIC ACID
  RT    PERCHLORATES

PERCHLORYL FLUORIDES
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```
  0603 1804
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORIDES
       ..#PERCHLORYL FLUORIDES
       .HALIDES
       ..FLUORIDES
       ..#PERCHLORYL FLUORIDES

PERCOLATION
  0602 3303
  RT   BEDS (PROCESS ENGINEERING)
       CONCENTRATING
       DIFFUSION
       EXTRACTION
       FILTRATION
       INTERSTICES
       LEACHING
       LYSIMETERS
       PENETRATION
       PERMEABILITY
       PERMEATING
       SEEPAGE
     % SEPARATION
       VOIDS

PERCUS METHOD
  1902
  RT   FLOW EQUATIONS
       INTEGRAL EQUATIONS
     % METHODOLOGY

PERCUSSION
  2301
  RT   DETONATION
       IMPACT
       PHYSICAL EXAMINATIONS
       PRIMERS (EXPLOSIVES)

PERFECT GAS
  USE  IDEAL GAS

PERFLUORO COMPOUNDS
  1808
  GS  #PERFLUORO COMPOUNDS
       .PERFLUOROALKANE
       .PERFLUOROGUANIDINE

PERFLUOROALKANE
  0603 1808
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORO COMPOUNDS
       ...DIFLUORO COMPOUNDS
       ...#PERFLUOROALKANE
       ...FLUORINE ORGANIC COMPOUNDS
       ...#PERFLUOROALKANE
       ORGANIC COMPOUNDS
       .FLUORINE ORGANIC COMPOUNDS
       .#PERFLUOROALKANE
       PERFLUORO COMPOUNDS
       #PERFLUOROALKANE

PERFLUOROGUANIDINE
  0403 0603 1808
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORO COMPOUNDS
       ...FLUORINE ORGANIC COMPOUNDS
       ...#PERFLUOROGUANIDINE
       ORGANIC COMPOUNDS
       .FLUORINE ORGANIC COMPOUNDS
       .#PERFLUOROGUANIDINE
       PERFLUORO COMPOUNDS
       #PERFLUOROGUANIDINE
  RT   GUANIDINES

PERFORATED PLATES
  2806 3203
  GS   STRUCTURAL MEMBERS
       .PLATES (STRUCTURAL MEMBERS)
       .#PERFORATED PLATES
  RT   ANISOTROPIC PLATES
       CAVITIES
       HOLE GEOMETRY (MECHANICS)
       HOLES (MECHANICS)
       OPENINGS
     % PERFORATION
       POROUS BOUNDARY LAYER CONTROL
       STRESS CONCENTRATION

PERFORATED SHELLS
  1504 2311 2401 3202 3203
  GS   SHELLS (STRUCTURAL FORMS)
       #PERFORATED SHELLS
  RT   ARCHES
       CAVITIES
       ENCLOSURES
       FAIRINGS
       HOLE DISTRIBUTION (MECHANICS)
       HOLE GEOMETRY (MECHANICS)
       HOLES (MECHANICS)
       HOUSINGS
       HULLS (STRUCTURES)
       MEMBRANE STRUCTURES
       NACELLES
     % PERFORATION
       PRESSURE VESSEL DESIGN
       ROCKET ENGINE CASES
       SHELL THEORY
       STRESS CONCENTRATION

PERFORATING
  1502 1504
  RT   BURNTHROUGH (FAILURE)
       CUTTING
       DRILLING
       FORMATIONS
       FRACTURING
       GAS INJECTION
       INJECTION
       METAL CUTTING
       METAL WORKING
       PENETRATION
     % PERFORATION
       PIERCING
       WATER INJECTION

% PERFORATION
  0101 3203
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CAVITIES
       HOLES (MECHANICS)
       PERFORATED PLATES
       PERFORATED SHELLS
       PERFORATING
       PIERCING

% PERFORMANCE
  3406
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   AIRCRAFT PERFORMANCE
       ASTRONAUT PERFORMANCE
       COMFORT
       COMPLEXITY
       COMPUTER SYSTEMS PERFORMANCE
       CONSISTENCY
       EFFICIENCY
       EFFORT
       ENVIRONMENTS
       EVALUATION
       EXAMINATION
       FATIGUE (BIOLOGY)
       FIGURE OF MERIT
       FLIGHT CHARACTERISTICS
       HUMAN FACTORS ENGINEERING
       HUMAN PERFORMANCE
       LONG TERM EFFECTS
       MENTAL PERFORMANCE
       MODULATION TRANSFER FUNCTION
       OBSERVATION
```

OPERATOR PERFORMANCE
OPTICAL TRANSFER FUNCTION
OUTPUT
PERFORMANCE TESTS
PILOT PERFORMANCE
POSTFLIGHT ANALYSIS
PROPULSION SYSTEM PERFORMANCE
QUALITY
RATINGS
RELIABILITY
SPACECRAFT PERFORMANCE
STANDARDS
TASK COMPLEXITY
TRAINING EVALUATION

PERFORMANCE PREDICTION
1505 1905 3406
GS FORECASTING
#PERFORMANCE PREDICTION
PREDICTIONS
#PERFORMANCE PREDICTION
RT EVALUATION
MANAGEMENT
PREDICTION ANALYSIS TECHNIQUES
RELIABILITY
RELIABILITY ANALYSIS
RELIABILITY ENGINEERING
TREND ANALYSIS

PERFORMANCE TESTS
3404
SN (APPLY ONLY TO OPERATING EQUIPMENT)
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
CERTIFICATION
CHECKOUT
COMPUTER SYSTEMS PERFORMANCE
INSPECTION
% PERFORMANCE
SPACE VEHICLE CHECKOUT PROGRAM
SPECIFICATIONS
STANDARDS
% TESTS

PERFUSION
USE DIFFUSION

PERICLASE
1806 2601
GS CHALCOGENIDES
.OXIDES
..METAL OXIDES
...ALKALINE EARTH OXIDES
....MAGNESIUM OXIDES
....#PERICLASE
MAGNESIUM COMPOUNDS
.MAGNESIUM OXIDES
.#PERICLASE

PERIDOTITE
1806 2601
UF KIMBERLITE
GS ROCKS
.IGNEOUS ROCKS
.#PERIDOTITE
RT CHROMITES
DUNITE
OLIVINE
REGOLITH
SOILS

PERIGEE-APOGEE SATELLITES
USE PAS

PERIGEES
1901 1904 3006 3009
GS APSIDES
#PERIGEES
RT APOGEES
EARTH ORBITS
ELLIPTICAL ORBITS
ORBITS
PERILUNES

PERIHELIONS
1901 1904 3001 3002
GS APSIDES
#PERIHELIONS
RT APHELIONS
ELLIPTICAL ORBITS
ORBITAL ELEMENTS
ORBITS
SOLAR ORBITS

PERILUNES
1904 2102 3004 3006
GS APSIDES
#PERILUNES
RT LUNAR ORBITS
LUNAR SATELLITES
PERIGEES

PERIOD DOUBLING
1902 2311 3408
GS BRANCHING (MATHEMATICS)
#PERIOD DOUBLING
RT CHAOS
PERIODIC FUNCTIONS
TRANSITION FLOW
TURBULENCE
TURBULENT FLOW

PERIOD EQUATIONS
USE PERIODIC FUNCTIONS

PERIODIC FUNCTIONS
1902
UF PERIOD EQUATIONS
GS ANALYSIS (MATHEMATICS)
.REAL VARIABLES
.#PERIODIC FUNCTIONS
...TRIGONOMETRIC FUNCTIONS
....COSINE SERIES
....SINE SERIES
....TANGENTS
FUNCTIONS (MATHEMATICS)
.TRANSCENDENTAL FUNCTIONS
.#PERIODIC FUNCTIONS
...TRIGONOMETRIC FUNCTIONS
....COSINE SERIES
....SINE SERIES
....TANGENTS
RT FLOQUET THEOREM
FOURIER ANALYSIS
PERIOD DOUBLING

PERIODIC ORBITS
USE ORBITS

PERIODIC PROCESSES
USE CYCLES

PERIODIC VARIATIONS
1902 2001
UF PERIODICITY
GS VARIATIONS
#PERIODIC VARIATIONS
..ALTERNATIONS
..ANNUAL VARIATIONS
..DIURNAL VARIATIONS
..NOCTURNAL VARIATIONS
..SECULAR VARIATIONS
RT AUTOCORRELATION
CATACLYSMIC VARIABLES
CLIMATOLOGY
CYCLES
DENDROCHRONOLOGY
EL NINO
EXTRAPOLATION
FOURIER ANALYSIS
LONG TERM EFFECTS
OSCILLATIONS
OSCILLATORS
POLAR WANDERING (GEOLOGY)
REGULARITY

% RHYTHM
SEMIREGULAR VARIABLE STARS
SOUTHERN OSCILLATION
TRENDS
VARIABILITY
VARIABLE STARS

PERIODICALS
3405
UF JOURNALS (DOCUMENTS)
GS DOCUMENTS
#PERIODICALS
RT % JOURNALS
RECORDS

PERIODICITY
USE PERIODIC VARIATIONS

PERIODICITY (BIOLOGY)
USE RHYTHM (BIOLOGY)

PERIPHERAL CIRCULATION
0402 0404 0405
GS CIRCULATION
.BLOOD CIRCULATION
.#PERIPHERAL CIRCULATION

PERIPHERAL EQUIPMENT (COMPUTERS)
0801
SN (EXCLUDES COMPUTER-CONTROLLED EQUIPMENT)
UF AUXILIARY EQUIPMENT (COMPUTERS)
GS DATA PROCESSING EQUIPMENT
#PERIPHERAL EQUIPMENT (COMPUTERS)
..PRINTERS (DATA PROCESSING)
..REMOTE CONSOLES
RT ANALOG TO DIGITAL CONVERTERS
COMPUTER STORAGE DEVICES
COMPUTER SYSTEMS DESIGN
DATA PROCESSING
DIGITAL TO ANALOG CONVERTERS
% EQUIPMENT
MAGNETIC DISKS
MAGNETIC TAPES
MODEMS
PLOTTERS

PERIPHERAL JET FLOW
0101 1202 2806
GS FLUID FLOW
.JET FLOW
.#PERIPHERAL JET FLOW
RT DOWNWASH
GROUND EFFECT (AERODYNAMICS)
GROUND EFFECT MACHINES
LIFT AUGMENTATION

PERIPHERAL NERVOUS SYSTEM
0404 0408
GS ANATOMY
.NERVOUS SYSTEM
.#PERIPHERAL NERVOUS SYSTEM
RT NEUROMUSCULAR TRANSMISSION
% SYSTEMS

PERIPHERAL VISION
0404 0408
GS VISION
#PERIPHERAL VISION
RT SPACE PERCEPTION
VISUAL ACUITY
VISUAL FIELDS

PERIPHERIES
USE BOUNDARIES

PERISCOPES
2310
GS OPTICAL EQUIPMENT
#PERISCOPES
RT BINOCULARS
EYEPIECES
OPTICAL MEASURING INSTRUMENTS
TELESCOPES
VIEWING

PERITONEUM
0404 0405
GS ANATOMY
#PERITONEUM
MEMBRANES
#PERITONEUM
RT ABDOMEN
EPITHELIUM
TISSUES (BIOLOGY)
VISCERA

PERMAFROST
1305 1306 3009
UF FROZEN SOILS
GS SOILS
#PERMAFROST
RT AUFEIS (ICE)
POLAR REGIONS

PERMALLOYS (TRADEMARK)
1701 1704 2307
GS ALLOYS
#PERMALLOYS (TRADEMARK)
MAGNETIC MATERIALS
.FERROMAGNETIC MATERIALS
.#PERMALLOYS (TRADEMARK)
RT IRON ALLOYS
MAGNETS
MOLYBDENUM ALLOYS
NICKEL ALLOYS
PERMANENT MAGNETS

PERMANENT MAGNETS
0801 0904 1504 1701 2307
GS MAGNETS
#PERMANENT MAGNETS
RT FERRIMAGNETS
FERROMAGNETIC MATERIALS
MAGNETIC MATERIALS
PERMALLOYS (TRADEMARK)

PERMANGANATES
0603 1804
GS MANGANESE COMPOUNDS
#PERMANGANATES
RT MANGANESE IONS

PERMEABILITY
0406 0603 1203 1802 3408
SN (EXCLUDES MAGNETIC PERMEABILITY)
GS #PERMEABILITY
.DIELECTRIC PERMEABILITY
RT AQUIFERS
DENSITY (MASS/VOLUME)
DIFFUSION
DIFFUSIVITY
DRAINAGE
FORMATIONS
INFILTRATION
INTERSTICES
LEACHING
LEAKAGE
MECHANICAL PROPERTIES
PENETRATION
PERCOLATION
PERMEATING
% PHYSICAL PROPERTIES
POROSITY
% RESISTANCE
SEEPAGE
SURFACE PROPERTIES
VOID RATIO
VOIDS
WETTABILITY

PERMEATING
0406 0602 1203 2306
RT % ABSORPTION
DESORPTION

```
      DIALYSIS
      DIFFUSION
      DISPERSING
      IMPREGNATING
      OSMOSIS
      PENETRATION
      PERCOLATION
      PERMEABILITY
      POROSITY
      REVERSE OSMOSIS
    % SATURATION
      SORPTION
      TRANSPIRATION

PERMISSIVITY
  3408
  RT  COMPATIBILITY
      PSYCHOLOGICAL FACTORS

PERMITTIVITY
  0904 1801 1805 2304
  UF  DIELECTRIC CONSTANT
  GS  ELECTRICAL PROPERTIES
      .DIELECTRIC PROPERTIES
      .#PERMITTIVITY
  RT  ELECTRIC FIELDS
      FIELD STRENGTH

PERMUTATIONS
  1902 1905
  GS  ANALYSIS (MATHEMATICS)
      .COMBINATORIAL ANALYSIS
      .#PERMUTATIONS
  RT % COMBINATION
      COMBINATIONS (MATHEMATICS)
      PARTITIONS (MATHEMATICS)
      SET THEORY

PEROVSKITES
  1806
  GS  CALCIUM COMPOUNDS
      #PEROVSKITES
      MINERALS
      #PEROVSKITES
      TITANIUM COMPOUNDS
      .TITANATES
      .#PEROVSKITES

PEROXIDES
  0603 1804
  GS  CHALCOGENIDES
      .OXIDES
      ..ANHYDRIDES
      ..#PEROXIDES
      ....INORGANIC PEROXIDES
      ....ORGANIC PEROXIDES
      ....SODIUM PEROXIDES
  RT  DIOXIDES

PERSEID METEOROIDS
  3003 3005
  GS  CELESTIAL BODIES
      .METEOROID SHOWERS
      .#PERSEID METEOROIDS
      .METEOROIDS
      .#PERSEID METEOROIDS

PERSHING MISSILE
  3101 3404
  GS  MISSILES
      .BALLISTIC MISSILES
      .#PERSHING MISSILE
      .SURFACE TO SURFACE MISSILES
      .#PERSHING MISSILE
  RT  MULTISTAGE ROCKET VEHICLES
      SOLID PROPELLANT ROCKET ENGINES

PERSIAN GULF
  1305
  GS  GULFS
      #PERSIAN GULF
  RT  INLETS (TOPOGRAPHY)

PERSONAL COMPUTERS
  0801
  GS  DATA PROCESSING EQUIPMENT
      .COMPUTERS
      ..DIGITAL COMPUTERS
      ...MICROCOMPUTERS
      ...#PERSONAL COMPUTERS
      .....IBM PERSONAL COMPUTERS
      .....MACINTOSH PERSONAL COMPUTERS
  RT  COMPUTER TECHNIQUES
      VSAT (NETWORK)

PERSONALITY
  0408 0410
  RT  DEPERSONALIZATION
      PERSONNEL SELECTION

PERSONALITY TESTS
  0408 0410 0502
  RT  INTELLIGENCE TESTS
      PSYCHOLOGICAL TESTS
      PSYCHOMETRICS
      QUALIFICATIONS
    % TESTS

PERSONNEL
  3406 0502
  GS  #PERSONNEL
      .AIR TRAFFIC CONTROLLERS
       (PERSONNEL)
      .CREWS
      ..FLIGHT CREWS
      ...SPACECREWS
      .ENEMY PERSONNEL
      .ENGINEERS
      .FLYING PERSONNEL
      ..ASTRONAUTS
      ...ORBITAL WORKERS
      ..COSMONAUTS
      ..FLIGHT CREWS
      ...SPACECREWS
      ..PILOTS (PERSONNEL)
      ...AIRCRAFT PILOTS
      ....TEST PILOTS
      .GROUND CREWS
      .INSTRUCTORS
      .MEDICAL PERSONNEL
      ..FLIGHT NURSES
      ..PHYSICIANS
      ..SURGEONS
      ...FLIGHT SURGEONS
      .NAVIGATORS
      .OPERATORS (PERSONNEL)
      ..PILOTS (PERSONNEL)
      ...AIRCRAFT PILOTS
      ....TEST PILOTS
      .POLICE
      .PROGRAMMERS
      .SCIENTISTS
  RT % COMPLEMENT
      CONSULTING
      CREW EXPERIMENT STATIONS
      CREW OBSERVATION STATIONS
      CREW WORKSTATIONS
      DEPERSONALIZATION
      DEPLOYMENT
      EMPLOYEE RELATIONS
    % ESTIMATORS
      HELMET MOUNTED DISPLAYS
      HUMAN RESOURCES
      INCENTIVES
      INHABITANTS
      MANPOWER
      OCCUPATION
      ORGANIZING
      POSITION (TITLE)
      QUALIFICATIONS
      RESEARCH MANAGEMENT
      RESOURCES
      RETIREMENT
      RETRAINING
      SERVICES
```

UNIONIZATION
WAGE SURVEYS

PERSONNEL DEVELOPMENT
3406
RT % DEVELOPMENT
EMPLOYEE RELATIONS
HUMAN RESOURCES
MANAGEMENT
RESOURCES
TRAINING ANALYSIS

PERSONNEL MANAGEMENT
0410 0502 3406 4001
GS MANAGEMENT
.INDUSTRIAL MANAGEMENT
.#PERSONNEL MANAGEMENT
RT EMPLOYEE RELATIONS
HUMAN RELATIONS
HUMAN RESOURCES
LEADERSHIP
MANAGEMENT PLANNING

PERSONNEL PROPULSION SYSTEMS
USE SELF MANEUVERING UNITS

PERSONNEL SELECTION
0410 0502 3406
GS SELECTION
#PERSONNEL SELECTION
..PILOT SELECTION
RT APTITUDE
EMPLOYMENT
INTELLIGENCE TESTS
LABOR
PERSONALITY
PHYSICAL EXAMINATIONS
PHYSIOLOGICAL TESTS

PERSONNEL SUBSYSTEMS
0410 3406
RT INDUSTRIES

PERSPEX (TRADEMARK)
1808 1809 1810
GS PLASTICS
#PERSPEX (TRADEMARK)

PERSPIRATION
0404 0405 0505
UF SWEATING
RT BODY FLUIDS
BODY TEMPERATURE
EVAPORATION
EXCRETION
FECES
HEAT ACCLIMATIZATION
HUMIDITY
PALMAR SWEAT INDEX
SKIN (ANATOMY)
SWEAT
TRANSPIRATION

PERT
0802 3405 3406 4001
UF PROGRAM EVALUATION REVIEW TECHNIQUE
RT COMMERCE
CONTRACT MANAGEMENT
CRITICAL PATH METHOD
GERT
MANAGEMENT ANALYSIS
MANAGEMENT METHODS
MANAGEMENT PLANNING
% PATHS
PROGRAM TREND LINE ANALYSIS
PROJECT MANAGEMENT

PERTURBATION
1902 2311 2602 3001 3407 3009
GS #PERTURBATION
.ORBIT PERTURBATION
..SATELLITE PERTURBATION
RT % DISTURBANCES
FOUR BODY PROBLEM
GEODESY
LONG TERM EFFECTS
MANY BODY PROBLEM
NUTATION
ORBITAL MECHANICS
OSCILLATIONS
OSCILLATORS
RADIATION PRESSURE
SCHACH EFFECT
THREE BODY PROBLEM
TWO BODY PROBLEM
VARIATIONS

PERTURBATION THEORY
0802 1901 1902 2402 2602
UF DISTURBANCE THEORY
GS #PERTURBATION THEORY
.VINTI THEORY
RT BOUSSINESQ APPROXIMATION
CELESTIAL MECHANICS
DISTURBING FUNCTIONS
HANSEN LUNAR THEORY
HARTREE APPROXIMATION
HILL LUNAR THEORY
HILL METHOD
MANY BODY PROBLEM
OPERATORS (MATHEMATICS)
ORBIT PERTURBATION
ORBITAL ELEMENTS
QUANTUM THEORY
STRANGE ATTRACTORS
TAYLOR INSTABILITY
% THEORIES
VON ZEIPEL METHOD
WAVE FUNCTIONS
WENTZEL-KRAMER-BRILLOUIN METHOD
YANG-MILLS FIELDS
YANG-MILLS THEORY

PERU
1305
GS NATIONS
#PERU
RT SOUTH AMERICA

PERVEANCE
1001 1002 2304
GS RATIOS
#PERVEANCE
RT CHILD-LANGMUIR LAW
SPACE CHARGE
THERMIONIC DIODES
VACUUM TUBES
WORK FUNCTIONS

PESTICIDES
0412 3108
GS POISONS
#PESTICIDES
..INSECTICIDES
...DIELDRIN
RT CROP DUSTING
ENVIRONMENTAL CHEMISTRY
TOXICOLOGY

PETALS
0404 0409
RT PLANTS (BOTANY)

PETECHIA
0404 0405
GS HEMORRHAGES
#PETECHIA
RT SKIN (ANATOMY)

PETN
1808 3302
UF PENTAERYTHRITOL TETRANITRATE
GS ESTERS
.ORGANIC NITRATES
.#PETN

NITROGEN COMPOUNDS
.NITRATES
..ORGANIC NITRATES
..#PETN
RT EXPLOSIVES

PETREL SOUNDING ROCKET
3106 3108 3409
GS ROCKET VEHICLES
.SOUNDING ROCKETS
.#PETREL SOUNDING ROCKET
RT % ROCKETS

PETRI NETS
1902
GS MODELS
.MATHEMATICAL MODELS
.#PETRI NETS
NETS
#PETRI NETS
RT CONSECUTIVE EVENTS
DYNAMIC MODELS
GRAPHS (CHARTS)
INFORMATION THEORY
SEQUENCING
TREES (MATHEMATICS)

PETROGRAPHY
1306 1806 3009
GS GEOLOGY
.PETROLOGY
.#PETROGRAPHY
RT INLIERS (LANDFORMS)
ROCKS
SEDIMENTARY ROCKS

PETROLEUM
USE CRUDE OIL

PETROLEUM PRODUCTS
2701
GS PRODUCTS
#PETROLEUM PRODUCTS
..ASPHALT
..DIESEL FUELS
..GASOLINE
..TARS
RT BUTANES
CRUDE OIL
GREASES
KEROGEN
LUBRICANTS
LUBRICATING OILS
METHANE
NATURAL GAS
OILS
PLASTICS
POLYNUCLEAR ORGANIC COMPOUNDS

PETROLOGY
1306 1308 3009
GS GEOLOGY
#PETROLOGY
..PETROGRAPHY
RT CONES (VOLCANOES)
FORMATIONS
GEOCHEMISTRY
GEOLOGICAL SURVEYS
GEOPHYSICS
IMPACT MELTS
INLIERS (LANDFORMS)
MARS VOLCANOES
MINERALOGY
ROCKS
STRATIGRAPHY
VOLCANOES
VOLCANOLOGY

PFAFF EQUATION
1902
GS ANALYSIS (MATHEMATICS)
#PFAFF EQUATION
RT DIFFERENTIAL EQUATIONS
% EQUATIONS
THERMODYNAMICS

PFM (MODULATION)
USE PULSE FREQUENCY MODULATION

PH
0602 0603 1804
RT ACID BASE EQUILIBRIUM
ACID RAIN
ACIDITY
ACIDOSIS
ALKALINITY
ALKALOSIS
BASES (CHEMICAL)
BUFFERS (CHEMISTRY)
HYDROGEN IONS

PH FACTOR
0601 0603 1804
RT ACID BASE EQUILIBRIUM
ACIDOSIS
ALKALOSIS
HYDROGEN IONS
ION CONCENTRATION

PHANTASTRONS
0701 0905 1003 2402
GS CIRCUITS
.DELAY CIRCUITS
.#PHANTASTRONS
OSCILLATORS
.RELAXATION OSCILLATORS
.#PHANTASTRONS
RT FEEDBACK AMPLIFIERS

PHANTOM AIRCRAFT
0207
GS JET AIRCRAFT
#PHANTOM AIRCRAFT
..F-4 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
.MCDONNELL AIRCRAFT
.#PHANTOM AIRCRAFT
...F-4 AIRCRAFT
MONOPLANES
#PHANTOM AIRCRAFT
..F-4 AIRCRAFT
SUPERSONIC AIRCRAFT
#PHANTOM AIRCRAFT
..F-4 AIRCRAFT
RT % AIRCRAFT

PHARMACOLOGY
0404 0405 0603
GS #PHARMACOLOGY
.PSYCHOPHARMACOLOGY
RT ANESTHESIOLOGY
ANTIRADIATION DRUGS
BIOPROCESSING
CYCLIC AMP
DRUGS
MEDICAL SCIENCE
% MEDICINE
MOTION SICKNESS DRUGS
VASOCONSTRICTOR DRUGS
VETERINARY MEDICINE

PHARYNX
0404 0405
GS ANATOMY
.RESPIRATORY SYSTEM
.#PHARYNX

PHASE ANGLE
USE PHASE SHIFT

PHASE CHANGE MATERIALS
1805
UF PCM (MATERIALS)
RT CERESIN
CONDENSING

```
      FUSION (MELTING)
      HEAT OF FUSION
      HEAT STORAGE
      HEAT TRANSFER
      LIQUID-SOLID INTERFACES
    % MATERIALS
      MELTING
      ORGANIC MATERIALS
      PHASE TRANSFORMATIONS
      SOLAR ENERGY
      SOLAR ENERGY CONVERSION
      SOLAR HEATING
      SUBLIMATION
      TROMBE WALLS
      WAXES
      WORKING FLUIDS

PHASE COHERENCE
  1002 2304 2402
  RT % COHERENCE
       COHERENCE COEFFICIENT
       COHERENT LIGHT
       FOUR-WAVE MIXING
       WAVE FRONTS

PHASE CONJUGATION
  1102
  GS   CONJUGATION
       #PHASE CONJUGATION
       ..FOUR-WAVE MIXING

PHASE CONTRAST
  1002 2304 2402
  GS   CONTRAST
       #PHASE CONTRAST
  RT   DIFFRACTION PATTERNS
       ELECTRON MICROSCOPY
       MICROSCOPY
       OPTICAL MEASUREMENT
       OPTICAL PATHS
       SCANNING ELECTRON MICROSCOPY
       TRANSMISSION ELECTRON MICROSCOPY

PHASE CONTROL
  1001 1002 2304 2402
  RT   CIRCUIT PROTECTION
     % CONTROL
       PHASE LOCKED SYSTEMS
       TRANSFORMERS

PHASE DEMODULATORS
  0902 0905 1001
  GS   DEMODULATORS
       #PHASE DEMODULATORS
  RT   BRAGG CELLS
       MODEMS

PHASE DETECTORS
  0902 0905 1002
  GS   CIRCUITS
       #PHASE DETECTORS
       ..SYNCHROSCOPES
  RT % DETECTORS
       PHASE LOCKED SYSTEMS
       SIGNAL DETECTION
       SYNCHRONISM

PHASE DEVIATION
  1002 2304 2402
  RT   AMPLITUDES
       MODULATED CONTINUOUS RADIATION
       SIGNAL ANALYSIS

PHASE DIAGRAMS
  1701
  UF   CONSTITUTIONAL DIAGRAMS
       EQUILIBRIUM DIAGRAMS
       EUTECTIC DIAGRAMS
  GS   DIAGRAMS
       #PHASE DIAGRAMS
  RT   ALLOYS
       BINARY SYSTEMS (MATERIALS)
       CRITICAL TEMPERATURE
       EUTECTICS
       HEAT OF FUSION
       HEAT TREATMENT
       INTERMETALLICS
       LIQUID PHASES
       LIQUIDS
       LIQUIDUS
       MELTING POINTS
       PHASE SEPARATION (MATERIALS)
       PHASE STABILITY (MATERIALS)
       SOLID PHASES
       SOLID SOLUTIONS
       SOLID SUSPENSIONS
       SOLUBILITY
       STOICHIOMETRY
       TRANSITION POINTS
       TRANSITION TEMPERATURE
       VAPOR PHASES

PHASE ERROR
  2304 2402
  GS   ERRORS
       #PHASE ERROR
  RT   CIRCUIT PROTECTION
       ERROR SIGNALS

PHASE LOCK DEMODULATORS
  0702 0905 1001
  GS   DEMODULATORS
       #PHASE LOCK DEMODULATORS
  RT   CORRELATION DETECTION
       PARAMETRONS

PHASE LOCKED SYSTEMS
  0902 1003 2402
  RT   FEEDBACK FREQUENCY MODULATION
       OPTICAL COUPLING
       PHASE CONTROL
       PHASE DETECTORS
       SYNCHRONIZED OSCILLATORS
     % SYSTEMS
       TRACKING FILTERS

PHASE MATCHING
  0602
  RT   CRYSTAL OPTICS
       CRYSTALS
       FREQUENCY MULTIPLIERS
       HARMONIC GENERATIONS
       LASER OUTPUTS
       LASERS

PHASE MODULATION
  0702 2304 2402
  GS   CODING
       .SIGNAL ENCODING
       .#PHASE MODULATION
       ...FM/PM (MODULATION)
       ...PHASE SHIFT KEYING
       ....BINARY PHASE SHIFT KEYING
       ....QUADRATURE PHASE SHIFT KEYING
       MODULATION
       #PHASE MODULATION
       ..FM/PM (MODULATION)
       ..PHASE SHIFT KEYING
       ...BINARY PHASE SHIFT KEYING
       ...QUADRATURE PHASE SHIFT KEYING
  RT   AMPLITUDE MODULATION
       BRAGG CELLS
       DEMODULATION
       DEMODULATORS
       FREQUENCY MODULATION
       MODEMS
       MODULATORS
       PARAMETRIC FREQUENCY CONVERTERS
       PULSE MODULATION
       PUSH-PULL AMPLIFIERS
       TRELLIS CODING

PHASE RESPONSE
  USE  FREQUENCY RESPONSE
       PHASE SHIFT
```

PHASE RULE
1902
GS RULES
#PHASE RULE
RT CHEMICAL EQUILIBRIUM
DEGREES OF FREEDOM
% GIBBS EQUATIONS

PHASE SEPARATION (MATERIALS)
1701
RT BINARY SYSTEMS (MATERIALS)
LIQUID PHASES
MISCIBILITY GAP
PHASE DIAGRAMS
PHASE STABILITY (MATERIALS)
PHASE TRANSFORMATIONS
% SEPARATION
SOLID PHASES
SOLUBILITY

PHASE SHIFT
1001 2304 2402
UF PHASE ANGLE
PHASE RESPONSE
GS #PHASE SHIFT
.SAGNAC EFFECT
RT ANGLES (GEOMETRY)
EQUALIZERS (CIRCUITS)
MICROWAVE SWITCHING
% PHASES
% SHIFT

PHASE SHIFT CIRCUITS
0902
GS CIRCUITS
#PHASE SHIFT CIRCUITS
..CIRCULATORS (PHASE SHIFT CIRCUITS)
RT DELAY CIRCUITS
DUPLEX OPERATION
GYRATORS

PHASE SHIFT KEYING
0702 1001 2402
GS CODING
.SIGNAL ENCODING
..PHASE MODULATION
..#PHASE SHIFT KEYING
....BINARY PHASE SHIFT KEYING
....QUADRATURE PHASE SHIFT KEYING
KEYING
#PHASE SHIFT KEYING
..BINARY PHASE SHIFT KEYING
..QUADRATURE PHASE SHIFT KEYING
MODULATION
.PHASE MODULATION
.#PHASE SHIFT KEYING
...BINARY PHASE SHIFT KEYING
...QUADRATURE PHASE SHIFT KEYING
RT INFORMATION THEORY
QUADRATURE AMPLITUDE MODULATION
TRELLIS CODING

PHASE STABILITY (MATERIALS)
2603 3408
GS STABILITY
#PHASE STABILITY (MATERIALS)
RT CRYSTALLIZATION
PHASE DIAGRAMS
PHASE SEPARATION (MATERIALS)
PHASE TRANSFORMATIONS
% PHASES
STABILIZATION

PHASE SWITCHING INTERFEROMETERS
1001 1405 2402 3009
GS MEASURING INSTRUMENTS
.INTERFEROMETERS
.#PHASE SWITCHING INTERFEROMETERS
RT RADIO ASTRONOMY
RADIO TELESCOPES

PHASE TRANSFORMATIONS
1701
GS #PHASE TRANSFORMATIONS
.FREEZING
..VIBRATIONAL FREEZING
..ZONE MELTING
.LIQUEFACTION
..COAL LIQUEFACTION
.MARTENSITIC TRANSFORMATION
.MELTING
..ARC MELTING
..FUSION (MELTING)
..LEVITATION MELTING
..VACUUM MELTING
.VAPORIZING
..BOILING
...FILM BOILING
...NUCLEATE BOILING
....LEIDENFROST PHENOMENON
..EVAPORATION
...EVAPOTRANSPIRATION
...PROPELLANT EVAPORATION
...TRANSPIRATION
..FLASHING (VAPORIZING)
..PREVAPORIZATION
..SUBLIMATION
RT COLD HARDENING
CONDENSING
CRITICAL TEMPERATURE
CRYSTALLIZATION
DIRECTIONAL SOLIDIFICATION (CRYSTALS)
ELECTRON-HOLE DROPS
HEAT OF FUSION
ISING MODEL
MARTENSITE
MELT SPINNING
METAMORPHISM (GEOLOGY)
MUSHY ZONES
NEEL TEMPERATURE
ORDER-DISORDER TRANSFORMATIONS
PHASE CHANGE MATERIALS
PHASE SEPARATION (MATERIALS)
PHASE STABILITY (MATERIALS)
% PHASES
SHAPE MEMORY ALLOYS
SOLIDIFICATION
SOLIDS
SYNTECTIC ALLOYS
% TRANSFORMATIONS
% TRANSITION
TRANSITION PRESSURE
TRANSITION TEMPERATURE

PHASE VELOCITY
2304 2308 2402
GS RATES (PER TIME)
#PHASE VELOCITY
VELOCITY
#PHASE VELOCITY
RT ELECTROMAGNETIC RADIATION
GROUP VELOCITY
LANDAU DAMPING
PROPAGATION VELOCITY
QUANTUM MECHANICS
TRAVELING WAVES
WAVE FRONTS
WAVE PROPAGATION

PHASE-SPACE INTEGRAL
1902 2308 2402
GS ANALYSIS (MATHEMATICS)
#PHASE-SPACE INTEGRAL
RT CLASSICAL MECHANICS
EUCLIDEAN GEOMETRY
HYPERSPACES
STATE VECTORS

PHASED ARRAYS
0701 0901 1001
GS ARRAYS
#PHASED ARRAYS

RT ANTENNA ARRAYS
LASER ARRAYS
LINEAR ARRAYS
MONOPULSE ANTENNAS
SEISMOGRAPHS
STEERABLE ANTENNAS

% PHASES
0710 1002 2306 2309 2312 3001 3006
3008
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CYCLES
LIQUID PHASES
LUNAR PHASES
PHASE SHIFT
PHASE STABILITY (MATERIALS)
PHASE TRANSFORMATIONS
SOLID PHASES
TERMINATOR LINES
VAPOR PHASES

PHENACETIN
USE ACETANILIDE

PHENANTHRENE
0603 1808
GS ISOMERS
#PHENANTHRENE
ORGANIC COMPOUNDS
.HYDROCARBONS
.#PHENANTHRENE
RT ANTHRACENE
DYES

PHENOBARBITAL
0405 1808
RT DRUGS
NARCOTICS
SEDATIVES

PHENOL FORMALDEHYDE
0603 1808
RT FORMALDEHYDE
PHENOLIC RESINS
RESINS

PHENOLIC EPOXY RESINS
1809
GS PLASTICS
.SYNTHETIC RESINS
..THERMOSETTING RESINS
...EPOXY RESINS
...#PHENOLIC EPOXY RESINS
...PHENOLIC RESINS
...#PHENOLIC EPOXY
RESINS
.SYNTHETIC RESINS
..THERMOSETTING RESINS
...EPOXY RESINS
...#PHENOLIC EPOXY RESINS
...PHENOLIC RESINS
...#PHENOLIC EPOXY RESINS
RT ADHESIVES
AMINES
CROSSLINKING

PHENOLIC RESINS
0603 1808
GS PLASTICS
.SYNTHETIC RESINS
..THERMOSETTING RESINS
..#PHENOLIC RESINS
....MICARTA
....PHENOLIC EPOXY RESINS
RESINS
.SYNTHETIC RESINS
..THERMOSETTING RESINS
..#PHENOLIC RESINS
....MICARTA
....PHENOLIC EPOXY RESINS
RT CARBON-PHENOLIC COMPOSITES
PHENOL FORMALDEHYDE

PHENOLOGY
0401 2001 2003
RT ACTIVITY CYCLES (BIOLOGY)
BIOMETEOROLOGY
CLIMATOLOGY
COASTAL ECOLOGY
ECOLOGY
MIGRATION
MOLTING
PHENOMENOLOGY
RHYTHM (BIOLOGY)

PHENOLS
0603 1808
GS HYDROXYL COMPOUNDS
.ALCOHOLS
.#PHENOLS
...BISPHENOLS
...CRESOLS
...PHLOROGLUCINOL
...THYMOL
RT THIOLS

PHENOMENOLOGY
0410
RT CASE HISTORIES
EXPERIMENTATION
MEDICAL PHENOMENA
MESOSCALE PHENOMENA
PHENOLOGY

PHENOTHIAZINES
0603 1808
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...AZINES
...#PHENOTHIAZINES
PYRAZINES
.AZINES
.#PHENOTHIAZINES

PHENYLALANINE
0603 1808
GS ACIDS
.AMINO ACIDS
..ALANINE
..#PHENYLALANINE
ORGANIC COMPOUNDS
.AMINO ACIDS
..ALANINE
..#PHENYLALANINE

PHENYLS
0603 1808
GS #PHENYLS
.POLYBROMINATED BIPHENYLS
.POLYCHLORINATED BIPHENYLS
.POLYPHENYLS
..TETRAPHENYLS
..TRIPHENYLS
.TERPHENYLS
RT PHOSPHENE
PROPARGYL GROUPS

PHILCO 2000 COMPUTER
0801 0802
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#PHILCO 2000 COMPUTER

PHILIPPINES
1305
GS LANDFORMS
.ISLANDS
..PACIFIC ISLANDS
..#PHILIPPINES
NATIONS
#PHILIPPINES

```
PHILIPS IONIZATION GAGES
  0905 1406 1804 2307
  GS   MEASURING INSTRUMENTS
       .PRESSURE GAGES
       ..VACUUM GAGES
       ...IONIZATION GAGES
       ...#PHILIPS IONIZATION GAGES
       VACUUM APPARATUS
       .VACUUM GAGES
       ..IONIZATION GAGES
       ..#PHILIPS IONIZATION GAGES
  RT   PRESSURE MEASUREMENT

PHILOSOPHY
  0410 3402 3403
  GS   KNOWLEDGE
       #PHILOSOPHY
       ..PARADOXES
  RT   LITERATURE
     % LOGIC
       MATHEMATICAL LOGIC

PHLOROGLUCINOL
  0601 1407 1808
  GS   HYDROXYL COMPOUNDS
       .ALCOHOLS
       ..PHENOLS
       ..#PHLOROGLUCINOL
  RT   CHEMICAL INDICATORS
       RESINS

PHOBIAS
  0408 0410 0502
  GS  #PHOBIAS
       .FEAR
       ..FEAR OF FLYING
  RT   ANXIETY
       EMOTIONAL FACTORS

PHOBOS
  3001 3006 3008
  GS   CELESTIAL BODIES
       .NATURAL SATELLITES
       ..MARS SATELLITES
       ..#PHOBOS
  RT   DEIMOS
       MARS (PLANET)

PHOEBE
  3001 3006 3008
  GS   CELESTIAL BODIES
       .NATURAL SATELLITES
       ..SATURN SATELLITES
       ..#PHOEBE
  RT   SATURN (PLANET)

PHOEBUS NUCLEAR REACTOR
  2202 2203 2204
  GS   NUCLEAR REACTORS
       #PHOEBUS NUCLEAR REACTOR
  RT   KIWI REACTORS
       NUCLEAR ENGINE FOR ROCKET VEHICLES
       NUCLEAR ROCKET ENGINES

PHOENIX (AZ)
  1305
  GS   CITIES
       #PHOENIX (AZ)
  RT   ARIZONA

PHOENIX QUADRANGLE (AZ)
  1303 1305
  GS   LANDFORMS
       #PHOENIX QUADRANGLE (AZ)
  RT   ARIZONA
       GEODETIC SURVEYS
       MAPPING

PHOENIX SOUNDING ROCKET
  3106
  GS   ROCKET VEHICLES
       .MULTISTAGE ROCKET VEHICLES
       .#PHOENIX SOUNDING ROCKET
       .SOUNDING ROCKETS
       .#PHOENIX SOUNDING ROCKET
  RT   SOLID PROPELLANT ROCKET ENGINES

PHONEMES
  3405
  GS   LINGUISTICS
       #PHONEMES
       SPEECH
       #PHONEMES
  RT   LANGUAGES
       PHONEMICS
       PHONETICS
       PSYCHOLINGUISTICS
       SPEECH RECOGNITION
       WORDS (LANGUAGE)

PHONEMICS
  3405
  GS   LINGUISTICS
       #PHONEMICS
  RT   INTELLIGIBILITY
       LANGUAGES
       PHONEMES
       PHONETICS
       PSYCHOLINGUISTICS
       SPEECH
       SPEECH DEFECTS
       SPEECH RECOGNITION
       WORDS (LANGUAGE)

PHONETICS
  0410 3405
  GS   SPEECH
       #PHONETICS
  RT   ACOUSTICS
       INTELLIGIBILITY
       LANGUAGES
       PHONEMES
       PHONEMICS
       SPEECH DEFECTS
       SPEECH RECOGNITION
       VERBAL COMMUNICATION
       WORDS (LANGUAGE)

PHONOARTERIOGRAPHY
  0405 0501
  RT   ARTERIES
       BLOOD CIRCULATION
       PHONOCARDIOGRAPHY

PHONOCARDIOGRAMS
  USE  PHONOCARDIOGRAPHY

PHONOCARDIOGRAPHY
  0404 0405 0501
  UF   PHONOCARDIOGRAMS
       VIBROCARDIOGRAPHY
  GS   BIOENGINEERING
       .BIOMETRICS
       ..CARDIOGRAPHY
       ..#PHONOCARDIOGRAPHY
       ....ECHOCARDIOGRAPHY
  RT   BALLISTOCARDIOGRAPHY
       ELECTROCARDIOGRAPHY
       HEART
       HEART DISEASES
       PHONOARTERIOGRAPHY
       VECTORCARDIOGRAPHY

PHONON BEAMS
  2402 2403 2405
  GS   BEAMS (RADIATION)
       #PHONON BEAMS
       ELASTIC WAVES
       .PHONONS
       .#PHONON BEAMS
       ELECTROMAGNETIC RADIATION
       .THERMAL RADIATION
       .#PHONON BEAMS
       ELEMENTARY EXCITATIONS
```

```
        .PHONONS
        .#PHONON BEAMS
  RT    CORPUSCULAR RADIATION
        PARTICLE BEAMS
        PHOTON BEAMS
        UMKLAPP PROCESS

PHONONS
  2401 2403
  GS    ELASTIC WAVES
        #PHONONS
        ..PHONON BEAMS
        ELEMENTARY EXCITATIONS
        #PHONONS
        ..PHONON BEAMS
  RT    CRYSTAL STRUCTURE
        LATTICE VIBRATIONS
        PLASMONS
        POLARONS
        SOUND WAVES
        UMKLAPP PROCESS

PHORIA
  0404 0405
  GS    DISEASES
        .EYE DISEASES
        .#PHORIA

PHOSGENE
  0412 0603 1808
  GS    GASES
        #PHOSGENE
        HALOGEN COMPOUNDS
        .CHLORINE COMPOUNDS
        ..CHLORIDES
        ..#PHOSGENE
        .HALIDES
        ..CHLORIDES
        ..#PHOSGENE
        POISONS
        #PHOSGENE
  RT %  CHEMICAL COMPOUNDS

PHOSPHATES
  0603 1804
  GS    PHOSPHORUS COMPOUNDS
        #PHOSPHATES
        ..ADENINES
        ..ADENOSINE TRIPHOSPHATE
        ..AMMONIUM PHOSPHATES
        ..CALCIUM PHOSPHATES
        ..CYCLIC AMP
        ..DIPHOSPHATES
        ...ADENOSINE DIPHOSPHATE
        ..INDIUM PHOSPHATES
        ..MONAZITE SANDS
        ..PHOSPHENE
        ..POLYNUCLEOTIDES
        ..POTASSIUM PHOSPHATES
        ..PYRIDINE NUCLEOTIDES
        ..URIDYLIC ACID
  RT    KREEP
        PHOSPHORIC ACID
        SKYDROL (TRADEMARK)

PHOSPHAZENE
  0603
  GS    ORGANIC COMPOUNDS
        .ORGANIC PHOSPHORUS COMPOUNDS
        .#PHOSPHAZENE
        PHOSPHORUS COMPOUNDS
        .ORGANIC PHOSPHORUS COMPOUNDS
        .#PHOSPHAZENE
  RT    NITROGEN COMPOUNDS
        PHOSPHINES
        PHOSPHONITRILES
        POLYMER CHEMISTRY

PHOSPHENE
  0408
  GS    ORGANIC COMPOUNDS
        .ORGANIC PHOSPHORUS COMPOUNDS
        .#PHOSPHENE
        PHOSPHORUS COMPOUNDS
        .ORGANIC PHOSPHORUS COMPOUNDS
        .#PHOSPHENE
        .PHOSPHATES
        .#PHOSPHENE
  RT    LUMINOSITY
        PHENYLS
        RETINA
        VISION

PHOSPHIDES
  0603 1804
  GS    PHOSPHORUS COMPOUNDS
        #PHOSPHIDES
        ..BORON PHOSPHIDES
        ..GALLIUM PHOSPHIDES
        ..INDIUM PHOSPHIDES
        ..MANGANESE PHOSPHIDES
        ..SCHREIBERSITE

PHOSPHINES
  0603 1804
  GS    HYDROGEN COMPOUNDS
        .HYDRIDES
        .#PHOSPHINES
        PHOSPHORUS COMPOUNDS
        #PHOSPHINES
  RT    PHOSPHAZENE

PHOSPHONITRILES
  0603 1808
  GS    NITRILES
        #PHOSPHONITRILES
        NITROGEN COMPOUNDS
        #PHOSPHONITRILES
        ORGANIC COMPOUNDS
        .ORGANIC PHOSPHORUS COMPOUNDS
        .#PHOSPHONITRILES
        PHOSPHORUS COMPOUNDS
        .ORGANIC PHOSPHORUS COMPOUNDS
        .#PHOSPHONITRILES
  RT    PHOSPHAZENE

PHOSPHONIUM COMPOUNDS
  0603 1804
  GS    PHOSPHORUS COMPOUNDS
        #PHOSPHONIUM COMPOUNDS
  RT %  CHEMICAL COMPOUNDS

PHOSPHORESCENCE
  0605 2306 2310 2402 3408
  GS    ELECTROMAGNETIC PROPERTIES
        .OPTICAL PROPERTIES
        .#PHOSPHORESCENCE
        EMISSION
        .LIGHT EMISSION
        ..LUMINESCENCE
        ...FLUORESCENCE
        ...#PHOSPHORESCENCE
  RT    AFTERGLOWS
        BIOLUMINESCENCE
        CHEMILUMINESCENCE
        PHOSPHORS
        PLASMA RADIATION
        SCINTILLATION
        TRAPPING

PHOSPHORIC ACID
  0603 1804
  GS    ACIDS
        #PHOSPHORIC ACID
        PHOSPHORUS COMPOUNDS
        #PHOSPHORIC ACID
  RT    PHOSPHATES

PHOSPHORIC ACID FUEL CELLS
  0302
  GS    ELECTRIC GENERATORS
        .DIRECT POWER GENERATORS
        ..FUEL CELLS
        ..#PHOSPHORIC ACID FUEL CELLS
        ELECTROCHEMICAL CELLS
```

.FUEL CELLS
.#PHOSPHORIC ACID FUEL CELLS
RT BIOCHEMICAL FUEL CELLS
ELECTROLYTIC CELLS
ENERGY TECHNOLOGY
HYDROGEN OXYGEN FUEL CELLS
REGENERATIVE FUEL CELLS
TOTAL ENERGY SYSTEMS

PHOSPHORS
0605 1704 1805
GS #PHOSPHORS
.RADIOPHOSPHORS
RT FLUORESCENCE
IMAGE INTENSIFIERS
LASER INDUCED FLUORESCENCE
MERCURY LAMPS
PHOSPHORESCENCE
PHOTOGRAPHIC FILM

PHOSPHORUS
0603 1807
GS CHEMICAL ELEMENTS
#PHOSPHORUS
..PHOSPHORUS ISOTOPES
...PHOSPHORUS 32

PHOSPHORUS COMPOUNDS
0603 1804 1808
GS #PHOSPHORUS COMPOUNDS
.DIETHYL HYDROGEN PHOSPHITE (DEHP)
.ORGANIC PHOSPHORUS COMPOUNDS
..PHOSPHAZENE
..PHOSPHENE
..PHOSPHONITRILES
..URIDYLIC ACID
.PHOSPHATES
..ADENINES
..ADENOSINE TRIPHOSPHATE
..AMMONIUM PHOSPHATES
..CALCIUM PHOSPHATES
..CYCLIC AMP
..DIPHOSPHATES
...ADENOSINE DIPHOSPHATE
..INDIUM PHOSPHATES
..MONAZITE SANDS
..PHOSPHENE
..POLYNUCLEOTIDES
..POTASSIUM PHOSPHATES
..PYRIDINE NUCLEOTIDES
..URIDYLIC ACID
.PHOSPHIDES
..BORON PHOSPHIDES
..GALLIUM PHOSPHIDES
..INDIUM PHOSPHIDES
..MANGANESE PHOSPHIDES
..SCHREIBERSITE
.PHOSPHINES
.PHOSPHONIUM COMPOUNDS
.PHOSPHORIC ACID
.PHOSPHORUS OXIDES
.PHOSPHORUS POLYMERS
RT % CHEMICAL COMPOUNDS
% GROUP 5A COMPOUNDS

PHOSPHORUS ISOTOPES
2406
GS CHEMICAL ELEMENTS
.NUCLIDES
..ISOTOPES
..#PHOSPHORUS ISOTOPES
....PHOSPHORUS 32
.PHOSPHORUS
.#PHOSPHORUS ISOTOPES
...PHOSPHORUS 32

PHOSPHORUS METABOLISM
0402 0404 0409
GS METABOLISM
#PHOSPHORUS METABOLISM

PHOSPHORUS OXIDES
0603 1804
GS CHALCOGENIDES
.OXIDES
.#PHOSPHORUS OXIDES
PHOSPHORUS COMPOUNDS
#PHOSPHORUS OXIDES

PHOSPHORUS POLYMERS
0603 1804 1810
GS PHOSPHORUS COMPOUNDS
#PHOSPHORUS POLYMERS
RT % POLYMERS

PHOSPHORUS 32
0603 1807 2406
GS CHEMICAL ELEMENTS
.NUCLIDES
..ISOTOPES
...PHOSPHORUS ISOTOPES
...#PHOSPHORUS 32
...RADIOACTIVE ISOTOPES
...#PHOSPHORUS 32
.PHOSPHORUS
..PHOSPHORUS ISOTOPES
..#PHOSPHORUS 32

PHOSPHORYLATION
0602
GS CHEMICAL REACTIONS
#PHOSPHORYLATION

PHOTICS
0411 2306 2310
RT LIGHT (VISIBLE RADIATION)
% OPTICS

PHOTO RECONNAISSANCE SPACECRAFT
1401 1407 3110
GS MILITARY SPACECRAFT
.RECONNAISSANCE SPACECRAFT
.#PHOTO RECONNAISSANCE SPACECRAFT
RT % SPACECRAFT

PHOTOABSORPTION
0603 0605 2306
GS ENERGY ABSORPTION
.RADIATION ABSORPTION
..ELECTROMAGNETIC ABSORPTION
..#PHOTOABSORPTION
RT % ABSORPTION
PHOTOEXCITATION

PHOTOACOUSTIC MICROSCOPY
0501
GS MICROSCOPY
#PHOTOACOUSTIC MICROSCOPY
RT ACOUSTIC MICROSCOPES
ACOUSTO-OPTICS
CERAMICS
NONDESTRUCTIVE TESTS
PHOTOACOUSTIC SPECTROSCOPY

PHOTOACOUSTIC SPECTROSCOPY
1411
GS SPECTROSCOPY
#PHOTOACOUSTIC SPECTROSCOPY
RT ABSORPTION SPECTRA
ABSORPTIVITY
ACOUSTO-OPTICS
LASER APPLICATIONS
LASER SPECTROSCOPY
PHOTOACOUSTIC MICROSCOPY

PHOTOCATHODES
0902 0905 1413 2306
UF PHOTOELECTRIC CATHODES
GS ELECTRODES
.CATHODES
..TUBE CATHODES
..#PHOTOCATHODES
RT ELECTRODE MATERIALS
IMAGE CONVERTERS
IMAGE INTENSIFIERS

IMAGE ORTHICONS
LIGHT AMPLIFIERS
MICROCHANNELS
ORTHICONS
PHOTOELECTRIC CELLS
PHOTOELECTRIC EMISSION
PHOTOELECTRIC MATERIALS
PHOTOMULTIPLIER TUBES

PHOTOCELLS
USE PHOTOELECTRIC CELLS

PHOTOCHEMICAL OXIDANTS
0601
GS OXIDIZERS
#PHOTOCHEMICAL OXIDANTS
RT AIR POLLUTION
ATMOSPHERIC CHEMISTRY
NITROGEN OXIDES
OZONE
PHOTOOXIDATION

PHOTOCHEMICAL REACTIONS
0602 0605 1407 2306
UF PHOTOCHEMISTRY
PHOTOREDUCTION
GS CHEMICAL REACTIONS
#PHOTOCHEMICAL REACTIONS
..PHOTOCHROMISM
..PHOTODECOMPOSITION
..PHOTOLYSIS
..PHOTOSYNTHESIS
..RADIOLYSIS
RT ASSOCIATION REACTIONS
ATMOSPHERIC CHEMISTRY
CHARGE TRANSFER
SODALITE

PHOTOCHEMISTRY
USE PHOTOCHEMICAL REACTIONS

PHOTOCHROMISM
0605 1407 2306
GS CHEMICAL REACTIONS
.PHOTOCHEMICAL REACTIONS
.#PHOTOCHROMISM
RT COLOR PHOTOGRAPHY
SODALITE

PHOTOCLINOMETRY
USE PHOTOGRAMMETRY

PHOTOCONDUCTIVE CELLS
0605 1413 2306 2308
GS PHOTOELECTRIC CELLS
#PHOTOCONDUCTIVE CELLS
RT % CELLS
PHOTOVOLTAIC CELLS

PHOTOCONDUCTIVITY
0605 2302 2304 2308 3408
UF PHOTORESISTIVITY
GS ELECTRICAL PROPERTIES
.ELECTRICAL RESISTIVITY
.#PHOTOCONDUCTIVITY
ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
.#PHOTOCONDUCTIVITY
PHOTOELECTRICITY
.PHOTOELECTRIC EFFECT
.#PHOTOCONDUCTIVITY
TRANSPORT PROPERTIES
.ELECTRICAL RESISTIVITY
.#PHOTOCONDUCTIVITY
RT % CONDUCTIVITY
MERCURY CADMIUM TELLURIDES
PHOTOCONDUCTORS
SQUARE WELLS

PHOTOCONDUCTORS
0605 0905 1413 2302 2304 2308
UF PHOTORESISTORS
GS CONDUCTORS
#PHOTOCONDUCTORS
SEMICONDUCTORS (MATERIALS)
#PHOTOCONDUCTORS
RT MERCURY CADMIUM TELLURIDES
PHOTOCONDUCTIVITY
PHOTODIODES
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOMETERS
PHOTOTRANSISTORS
RESISTORS
TUNNEL JUNCTIONS

PHOTOCURRENTS
USE ELECTRIC CURRENT
PHOTOELECTRIC EMISSION

PHOTODECOMPOSITION
0605 2306 2405
GS CHEMICAL REACTIONS
.PHOTOCHEMICAL REACTIONS
.#PHOTODECOMPOSITION
DECOMPOSITION
#PHOTODECOMPOSITION
RADIATION CHEMISTRY
#PHOTODECOMPOSITION
RT ELECTROMAGNETIC ABSORPTION
PHOTODETACHMENT
PHOTOLYSIS

PHOTODETACHMENT
0602 0605 0902 1407 2306
RT PHOTODECOMPOSITION
PHOTOIONIZATION

PHOTODETECTORS
USE PHOTOMETERS

PHOTODIODES
0906 1413 2306
GS ELECTRONIC EQUIPMENT
.DIODES
..SEMICONDUCTOR DIODES
..#PHOTODIODES
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
..#PHOTODIODES
OPTOELECTRONIC DEVICES
#PHOTODIODES
RT FOCAL PLANE DEVICES
ION IMPLANTATION
LASERS
MERCURY CADMIUM TELLURIDES
MSM (SEMICONDUCTORS)
PHOTOCONDUCTORS
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOTRANSISTORS
PHOTOTUBES
PUSHBROOM SENSOR MODES
SIS (SEMICONDUCTORS)
SOLAR CELLS
X RAY DETECTORS

PHOTODISSOCIATION
0602 0605 2306
GS DECOMPOSITION
#PHOTODISSOCIATION
DISSOCIATION
#PHOTODISSOCIATION
RADIATION CHEMISTRY
#PHOTODISSOCIATION
RT ELECTROMAGNETIC ABSORPTION
PHOTOEXCITATION
PHOTOLYSIS

PHOTOELASTIC ANALYSIS
1406 2306 2310 3203 3501
UF PHOTOELASTIC STRESS MEASUREMENT
RT FRINGE MULTIPLICATION
MOIRE EFFECTS
% OPTICS

PHOTOGRAPHIC MEASUREMENT
% POLARIZATION
POLARIZATION (WAVES)
STRESS ANALYSIS
STRESS MEASUREMENT
TEMPERATURE INVERSIONS

PHOTOELASTIC MATERIALS
2306 2310 2601
RT % MATERIALS
PHOTOELASTICITY

PHOTOELASTIC STRESS MEASUREMENT
USE PHOTOELASTIC ANALYSIS

PHOTOELASTICITY
2306 2310 2601
GS ELECTROMAGNETIC PROPERTIES
#PHOTOELASTICITY
..PHOTOVISCOELASTICITY
MECHANICAL PROPERTIES
.ELASTIC PROPERTIES
.#PHOTOELASTICITY
...PHOTOVISCOELASTICITY
RT BIREFRINGENCE
DICHROISM
PHOTOELASTIC MATERIALS
POLARIZED LIGHT
PRISMS
REFRACTION
STRESS ANALYSIS

PHOTOELECTRIC CATHODES
USE PHOTOCATHODES

PHOTOELECTRIC CELLS
0301 1413 2304 2306
UF PHOTOCELLS
GS #PHOTOELECTRIC CELLS
.PHOTOCONDUCTIVE CELLS
.PHOTOVOLTAIC CELLS
..SOLAR CELLS
...VERTICAL JUNCTION SOLAR CELLS
RT % CELLS
DIRECT POWER GENERATORS
% ELECTRIC CELLS
ELECTROCHEMICAL CELLS
ELECTRODE MATERIALS
ENERGY ABSORPTION FILMS
PHOTOCATHODES
PHOTOCONDUCTORS
PHOTODIODES
PHOTOMETERS
PHOTOMULTIPLIER TUBES
PHOTOTRANSISTORS
PHOTOTUBES
SOLAR GENERATORS
TRANSDUCERS

PHOTOELECTRIC EFFECT
0605 2304 2306
GS PHOTOELECTRICITY
#PHOTOELECTRIC EFFECT
..PHOTOCONDUCTIVITY
..PHOTOELECTRIC EMISSION
..PHOTOIONIZATION
..PHOTOVOLTAIC EFFECT
RT % EFFECTS
PHOTOELECTRONS

PHOTOELECTRIC EMISSION
2306 2402 2405
UF PHOTOCURRENTS
PHOTOEMISSION
PHOTOEMISSIVITY
GS EMISSION
.PARTICLE EMISSION
..ELECTRON EMISSION
..#PHOTOELECTRIC EMISSION
PHOTOELECTRICITY
.PHOTOELECTRIC EFFECT
.#PHOTOELECTRIC EMISSION
RT ELECTRICAL PROPERTIES
EXTERNAL SURFACE CURRENTS
NEGATIVE ELECTRON AFFINITY
PHOTOCATHODES
PHOTOEXCITATION
PHOTOIONIZATION
PHOTOPEAK
PHOTOVOLTAGES
PHOTOVOLTAIC EFFECT
STIMULATED EMISSION
WORK FUNCTIONS

PHOTOELECTRIC GENERATORS
0301 0605 2310
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
.#PHOTOELECTRIC GENERATORS
...PHOTOVOLTAIC CELLS
....SOLAR CELLS
.....VERTICAL JUNCTION SOLAR CELLS
RT % GENERATORS
PHOTOELECTROCHEMICAL DEVICES
SOLAR ENERGY CONVERSION
SOLAR GENERATORS
THERMOELECTRIC GENERATORS

PHOTOELECTRIC MATERIALS
0605 2306 2602
UF PHOTOEMITTERS
RT ELECTRODE MATERIALS
ELECTRON EMISSION
% MATERIALS
PHOTOCATHODES
PHOTOCONDUCTORS
PHOTODIODES
PHOTOELECTRICITY
PHOTOELECTRONS
PHOTOTRANSISTORS
PHOTOTUBES
PHOTOVOLTAIC CELLS

PHOTOELECTRIC PHOTOMETERS
USE ELECTROPHOTOMETERS

PHOTOELECTRICITY
0605 2304 2306
UF PHOTOELECTRONICS
PHOTOSENSORS
GS #PHOTOELECTRICITY
.PHOTOELECTRIC EFFECT
..PHOTOCONDUCTIVITY
..PHOTOELECTRIC EMISSION
..PHOTOIONIZATION
..PHOTOVOLTAIC EFFECT
RT COMPTON EFFECT
ELECTRICAL PROPERTIES
ELECTRICITY
OPTICAL PROPERTIES
PHOTOELECTRIC MATERIALS
PHOTOELECTRONS
PHOTOVOLTAGES

PHOTOELECTROCHEMICAL DEVICES
2310
RT % DEVICES
ELECTROCHEMICAL CELLS
ELECTRODE MATERIALS
ENERGY TECHNOLOGY
PHOTOELECTRIC GENERATORS
PHOTOELECTROCHEMISTRY
PHOTON BEAMS
SOLAR ENERGY CONVERSION

PHOTOELECTROCHEMISTRY
0603
GS ELECTROCHEMISTRY
#PHOTOELECTROCHEMISTRY
RT % CHEMISTRY
PHOTOELECTROCHEMICAL DEVICES

PHOTOELECTROMAGNETIC DETECTORS
USE PHOTOELECTROMAGNETIC EFFECTS
RADIATION MEASURING INSTRUMENTS

PHOTOELECTROMAGNETIC EFFECTS
2306 2402 2405
UF PHOTOELECTROMAGNETIC DETECTORS
RT % EFFECTS
EXCITONS
INTERMETALLICS

PHOTOELECTRON SPECTROSCOPY
1411
GS SPECTROSCOPY
#PHOTOELECTRON SPECTROSCOPY
RT ELECTRON EMISSION
SPECTROSCOPIC ANALYSIS

PHOTOELECTRONICS
USE ELECTRONICS
PHOTOELECTRICITY

PHOTOELECTRONS
2306 2403 2405
GS PARTICLES
.NUCLEAR PARTICLES
.#PHOTOELECTRONS
RT ELECTRON EMISSION
PHOTOELECTRIC EFFECT
PHOTOELECTRIC MATERIALS
PHOTOELECTRICITY
PHOTOIONIZATION
PHOTOMAGNETIC EFFECTS
PHOTONEUTRONS
PHOTONUCLEAR REACTIONS
PHOTOVOLTAIC EFFECT

PHOTOEMISSION
USE PHOTOELECTRIC EMISSION

PHOTOEMISSIVITY
USE EMISSIVITY
PHOTOELECTRIC EMISSION

PHOTOEMITTERS
USE PHOTOELECTRIC MATERIALS

PHOTOENGRAVING
0605 1407 3404 3405
RT MICROMACHINING
PHOTOMECHANICAL EFFECT
PRINTING

PHOTOEXCITATION
2306 2308 2402 2405
GS EXCITATION
#PHOTOEXCITATION
RT FLUORESCENCE
MOLECULAR EXCITATION
PHOTOABSORPTION
PHOTODISSOCIATION
PHOTOELECTRIC EMISSION
PHOTOIONIZATION
PHOTOLUMINESCENCE

PHOTOGEOLOGY
0605 1306 1407
GS GEOLOGY
#PHOTOGEOLOGY
RT AERIAL PHOTOGRAPHY
EARTH RESOURCES SURVEY AIRCRAFT
GEOLOGICAL SURVEYS
GEOMORPHOLOGY
ICE MAPPING
NATURAL GAS EXPLORATION
PHOTOGRAMMETRY
PHOTOMAPPING
RECONNAISSANCE
THEMATIC MAPPING

PHOTOGONIOMETERS
1406 1407 1902 2306 2310
GS MEASURING INSTRUMENTS
.GONIOMETERS
.#PHOTOGONIOMETERS
.OPTICAL MEASURING INSTRUMENTS
.#PHOTOGONIOMETERS
OPTICAL EQUIPMENT
.OPTICAL MEASURING INSTRUMENTS
.#PHOTOGONIOMETERS
RT ANGLES (GEOMETRY)
DIFFRACTOMETERS
ETALONS
INTERFEROMETERS
MONOCHROMATORS
SPECTROMETERS

PHOTOGRAMMETRY
1303 1407 3009
UF PHOTOCLINOMETRY
GS PHOTOGRAPHIC MEASUREMENT
#PHOTOGRAMMETRY
RT AERIAL PHOTOGRAPHY
MAPPING
PHOTOGEOLOGY
PHOTORECONNAISSANCE
PROJECTORS
RELIEF MAPS
STEREOPHOTOGRAPHY
SURVEYS
TERRAIN ANALYSIS

PHOTOGRAPH INTERPRETATION
USE PHOTOINTERPRETATION

PHOTOGRAPHIC DEVELOPERS
0602 0605 1407 1802
UF DEVELOPERS (PHOTOGRAPHY)
RT % DEVELOPMENT
PHOTOGRAPHS
PHOTOGRAPHY

PHOTOGRAPHIC EMULSIONS
0605 1407 1802
GS MIXTURES
.DISPERSIONS
..EMULSIONS
..#PHOTOGRAPHIC EMULSIONS
....NUCLEAR EMULSIONS
.SOLUTIONS
.#PHOTOGRAPHIC EMULSIONS
...NUCLEAR EMULSIONS
RT PHOTOGRAPHY
PHOTOSENSITIVITY

PHOTOGRAPHIC EQUIPMENT
1407 1412 2310 3501
GS #PHOTOGRAPHIC EQUIPMENT
.CAMERAS
..BAKER-NUNN CAMERA
..BALLISTIC CAMERAS
..DELFT CAMERA
..DIFFRACTION LIMITED CAMERAS
..FAINT OBJECT CAMERA
..HIGH SPEED CAMERAS
...FRAMING CAMERAS
..I2S CAMERAS
..LALLEMAND CAMERAS
..MULTISPECTRAL BAND CAMERAS
..PANORAMIC CAMERAS
..PINHOLE CAMERAS
..SCHMIDT CAMERAS
..STREAK CAMERAS
..TELEVISION CAMERAS
.PHOTOGRAPHIC PROCESSING EQUIPMENT
.PHOTOGRAPHIC RECTIFIERS
RT % EQUIPMENT
LENSES
OPTICAL EQUIPMENT
OPTICAL FILTERS
PHOTOGRAPHY
PHOTOMETERS
PROJECTORS

PHOTOGRAPHIC FILM
0605 1407 1802 3501
GS #PHOTOGRAPHIC FILM
.MICROFILMS

RT % FILMS
MAGAZINES (SUPPLY CHAMBERS)
OPTICAL DATA STORAGE MATERIALS
OPTICAL FILTERS
PHOSPHORS
PHOTOGRAPHS
PHOTOGRAPHY
POLYMERIC FILMS
SABATIER REACTION

PHOTOGRAPHIC MEASUREMENT
1406 1407 3501
GS #PHOTOGRAPHIC MEASUREMENT
.PHOTOGRAMMETRY
RT DOSIMETERS
% MEASUREMENT
OPTICAL CORRECTION PROCEDURE
OPTICAL MEASUREMENT
PARTICLE IMAGE VELOCIMETRY
PHOTOELASTIC ANALYSIS
PHOTOGRAPHY
PHOTOINTERPRETATION
PHOTOMETRY
PHOTORECONNAISSANCE
SPECTROMETERS

PHOTOGRAPHIC PLATES
0605 1407 1802
RT GLASS
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHS
PHOTOGRAPHY
% PLATES

PHOTOGRAPHIC PROCESSING
0602 0605 1407
RT DARKROOMS
PHOTOGRAPHIC PLATES
PHOTOGRAPHS
PHOTOGRAPHY
PRINTING
% PROCESSING

PHOTOGRAPHIC PROCESSING EQUIPMENT
1407 1802
GS PHOTOGRAPHIC EQUIPMENT
#PHOTOGRAPHIC PROCESSING EQUIPMENT
RT DARKROOMS
PHOTOGRAPHY
REPRODUCTION (COPYING)

PHOTOGRAPHIC RECORDING
1407 3405 3501
GS RECORDING
#PHOTOGRAPHIC RECORDING
RT DATA RECORDING
HIGH SPEED PHOTOGRAPHY
HOLOGRAMMETRY
INTERMITTENCY HYPOTHESIS
PARTICLE IMAGE VELOCIMETRY
PHOTOGRAPHS
PHOTOGRAPHY
RECORDING INSTRUMENTS

PHOTOGRAPHIC RECTIFIERS
0501 1411 1412 2310
GS OPTICAL EQUIPMENT
#PHOTOGRAPHIC RECTIFIERS
PHOTOGRAPHIC EQUIPMENT
#PHOTOGRAPHIC RECTIFIERS
RT % CONDENSERS
PHOTOGRAPHY

PHOTOGRAPHIC TRACKING
0709 1109 1407 3001 3501
GS TRACKING (POSITION)
#PHOTOGRAPHIC TRACKING
RT CINETHEODOLITES
OPTICAL TRACKING
PHOTOGRAPHY
SATELLITE TRACKING
SPACE DETECTION AND TRACKING SYSTEM

PHOTOGRAPHS
1407 1412 3009
GS #PHOTOGRAPHS
.CLOUD PHOTOGRAPHS
.LUNAR PHOTOGRAPHS
.MARS PHOTOGRAPHS
.MICROPHOTOGRAPHS
.MOTION PICTURES
.PHOTOMICROGRAPHS
RT DISPLAY DEVICES
IMAGES
MOSAICS
OPTICAL CORRECTION PROCEDURE
PHOTOGRAPHIC DEVELOPERS
PHOTOGRAPHIC FILM
PHOTOGRAPHIC PLATES
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHIC RECORDING
PHOTOGRAPHY
PIXELS
REPRESENTATIONS
SPATIAL FILTERING
VIDEO TAPES
VISUAL AIDS
XEROGRAPHY

PHOTOGRAPHY
1407 3009 3501
GS #PHOTOGRAPHY
.AERIAL PHOTOGRAPHY
.ALL SKY PHOTOGRAPHY
.ASTRONOMICAL PHOTOGRAPHY
.AUTORADIOGRAPHY
.BLACK AND WHITE PHOTOGRAPHY
.CHRONOPHOTOGRAPHY
.CINEMATOGRAPHY
.CLOUD PHOTOGRAPHY
.COLOR PHOTOGRAPHY
.ELECTRO-OPTICAL PHOTOGRAPHY
.ELECTRON PHOTOGRAPHY
.FRACTOGRAPHY
.FRAME PHOTOGRAPHY
.HIGH SPEED PHOTOGRAPHY
.HOLOGRAPHY
..ACOUSTICAL HOLOGRAPHY
..MICROWAVE HOLOGRAPHY
..SPECKLE HOLOGRAPHY
..WHITE LIGHT HOLOGRAPHY
.INFRARED IMAGERY
.LUNAR PHOTOGRAPHY
.METRIC PHOTOGRAPHY
.MICROWAVE PHOTOGRAPHY
.MULTISPECTRAL PHOTOGRAPHY
..INFRARED PHOTOGRAPHY
...COLOR INFRARED PHOTOGRAPHY
..RADAR PHOTOGRAPHY
.ORTHOPHOTOGRAPHY
.PHOTOMICROGRAPHY
.ROCKET-BORNE PHOTOGRAPHY
.SHADOWGRAPH PHOTOGRAPHY
..SCHLIEREN PHOTOGRAPHY
.SPACEBORNE PHOTOGRAPHY
..SATELLITE-BORNE PHOTOGRAPHY
.SPECTROPHOTOGRAPHY
.STEREOSCOPY
..STEREOPHOTOGRAPHY
.STREAK PHOTOGRAPHY
.ULTRAVIOLET PHOTOGRAPHY
.ULTRAVIOLET PHOTOMETRY
.UNDERWATER PHOTOGRAPHY
.UROGRAPHY
RT BRIGHTNESS DISTRIBUTION
BRIGHTNESS TEMPERATURE
CAMERAS
CLOUD PHOTOGRAPHS
DARKROOMS
EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES
EVAPOROGRAPHY
EXPOSURE
GRAPHIC ARTS
HS-801 AIRCRAFT

ICE MAPPING
IMAGERY
IMAGING TECHNIQUES
LUNAR PHOTOGRAPHS
MAPPING
MARS PHOTOGRAPHS
MICROPHOTOGRAPHS
MULTISPECTRAL BAND CAMERAS
MULTISPECTRAL BAND SCANNERS
PANORAMIC CAMERAS
PHOTOGRAPHIC DEVELOPERS
PHOTOGRAPHIC EMULSIONS
PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHIC FILM
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHIC PLATES
PHOTOGRAPHIC PROCESSING
PHOTOGRAPHIC PROCESSING EQUIPMENT
PHOTOGRAPHIC RECORDING
PHOTOGRAPHIC RECTIFIERS
PHOTOGRAPHIC TRACKING
PHOTOGRAPHS
PHOTOINTERPRETATION
PHOTOLITHOGRAPHY
PHOTOMAPPING
PHOTOMAPS
PHOTOMASKS
PHOTOMECHANICAL EFFECT
PHOTORECONNAISSANCE
PINHOLE CAMERAS
PIXELS
PROJECTORS
RADIOGRAPHY
RAPID BALLISTICS IDENTIFICATION
REPRODUCTION (COPYING)
TIMBER INVENTORY
VIDEO TAPES
WAVE FRONT RECONSTRUCTION
XEROGRAPHY

PHOTOINTERPRETATION
1401 3501
UF PHOTOGRAPH INTERPRETATION
RT AERIAL PHOTOGRAPHY
% ANALYZING
CHANGE DETECTION
GROUND TRUTH
% INTERPRETATION
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHY
PHOTOMAPPING
PHOTORECONNAISSANCE
SEA TRUTH
SPATIAL FILTERING

PHOTOIONIZATION
0605 2306 2401
GS EMISSION
#PHOTOIONIZATION
IONIZATION
#PHOTOIONIZATION
PHOTOELECTRICITY
.PHOTOELECTRIC EFFECT
.#PHOTOIONIZATION
RT ATMOSPHERIC IONIZATION
AURORAL IONIZATION
AURORAL IRRADIATION
ELECTRON EMISSION
GAS IONIZATION
LASER INDUCED FLUORESCENCE
PHOTODETACHMENT
PHOTOELECTRIC EMISSION
PHOTOELECTRONS
PHOTOEXCITATION

PHOTOLITHOGRAPHY
3404
GS PRINTING
.LITHOGRAPHY
.#PHOTOLITHOGRAPHY
RT MICROELECTRONICS
MICROMODULES
PHOTOGRAPHY

PHOTOLUMINESCENCE
0605 2306 2402 3408
GS EMISSION
.LIGHT EMISSION
..LUMINESCENCE
..#PHOTOLUMINESCENCE
....TRIBOLUMINESCENCE
....X RAY FLUORESCENCE
RT FLUORESCENCE
LASER INDUCED FLUORESCENCE
PHOTOEXCITATION
PHOTOLUMINESCENT BANDS

PHOTOLUMINESCENT BANDS
0605 1411 2306
GS SPECTRA
.SPECTRAL BANDS
.#PHOTOLUMINESCENT BANDS
RT ABSORPTION SPECTRA
% BANDS
EMISSION SPECTRA
PHOTOLUMINESCENCE
TRIBOLUMINESCENCE

PHOTOLYSIS
0602 0605 2306
GS CHEMICAL REACTIONS
.PHOTOCHEMICAL REACTIONS
.#PHOTOLYSIS
DECOMPOSITION
#PHOTOLYSIS
RADIATION CHEMISTRY
#PHOTOLYSIS
RT CRACKING (CHEMICAL ENGINEERING)
ELECTROLYSIS
PHOTODECOMPOSITION
PHOTODISSOCIATION
RADIOLYSIS

PHOTOMAGNETIC EFFECTS
2306 2307 2402 2405
RT DEUTERONS
% EFFECTS
GAMMA RAYS
PHOTOELECTRONS
SPIN DECOUPLING

PHOTOMAPPING
1303 1401 3001 3501
GS MAPPING
#PHOTOMAPPING
RT AERIAL PHOTOGRAPHY
COASTAL ZONE COLOR SCANNER
COLOR PHOTOGRAPHY
DMSP SATELLITES
EARTH RESOURCES
GEODESY
GEOLOGY
GNOMONIC PROJECTION
HOLOGRAMMETRY
ICE MAPPING
MAPS
OCEAN COLOR SCANNER
PHOTOGEOLOGY
PHOTOGRAPHY
PHOTOINTERPRETATION
ROCKET-BORNE PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SOIL MAPPING
SPACEBORNE PHOTOGRAPHY
THEMATIC MAPPING
THERMAL MAPPING
TOPOGRAPHY

PHOTOMAPS
1304 1401 1407 3009 3501
GS MAPS
#PHOTOMAPS
RT AERIAL PHOTOGRAPHY
PHOTOGRAPHY
RELIEF MAPS

SATELLITE-BORNE PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY
THEMATIC MAPPING

PHOTOMASKS
0702
RT ARRAYS
CIRCUIT DIAGRAMS
INTEGRATED CIRCUITS
MASKING
MICROELECTRONICS
MICROMACHINING
MICROPHOTOGRAPHS
% PATTERNS
PHOTOGRAPHY
PRINTED CIRCUITS
SOLID STATE DEVICES
SUBSTRATES
WAFERS

PHOTOMECHANICAL EFFECT
0605 1407 3404 3405
RT % EFFECTS
LITHOGRAPHY
MICROMACHINING
PHOTOENGRAVING
PHOTOGRAPHY
PRINTING

PHOTOMETERS
1406 2306 2903 3501
UF MICROPHOTOMETERS
PHOTODETECTORS
GS MEASURING INSTRUMENTS
.OPTICAL MEASURING INSTRUMENTS
.#PHOTOMETERS
...ELECTROPHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
....TOTAL OZONE MAPPING SPECTROMETER
...ULTRAVIOLET SPECTROPHOTOMETERS
.RADIATION MEASURING INSTRUMENTS
.#PHOTOMETERS
...ELECTROPHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
....TOTAL OZONE MAPPING SPECTROMETER
...ULTRAVIOLET SPECTROPHOTOMETERS
OPTICAL EQUIPMENT
.OPTICAL MEASURING INSTRUMENTS
.#PHOTOMETERS
...ELECTROPHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
....TOTAL OZONE MAPPING SPECTROMETER
...ULTRAVIOLET SPECTROPHOTOMETERS
RT BOLOMETERS
DENSITOMETERS
ELECTROPHOTOMETRY
ELLIPSOMETERS
HORIZON SCANNERS
INFRARED SPECTROPHOTOMETERS
MICRODENSITOMETERS
NEPHELOMETERS
OPTICAL MEASUREMENT
PHOTOCONDUCTORS
PHOTOELECTRIC CELLS
PHOTOGRAPHIC EQUIPMENT
PHOTOMETRY
PHOTOTRANSISTORS
POLARIMETERS
PYRANOMETERS
RADIOMETERS
REFLECTOMETERS
SPECTROMETERS
SPECTROPHOTOMETERS
TELEPHOTOMETRY
TRANSMISSOMETERS
ULTRAVIOLET DETECTORS
X RAY DETECTORS

PHOTOMETRY
1406 1409 1412 2310 3501
GS OPTICAL MEASUREMENT
#PHOTOMETRY
..ASTRONOMICAL PHOTOMETRY
...STELLAR SPECTROPHOTOMETRY
..ELECTROPHOTOMETRY
..INFRARED PHOTOMETRY
..SPECTROPHOTOMETRY
...STELLAR SPECTROPHOTOMETRY
..TELEPHOTOMETRY
..ULTRAVIOLET PHOTOMETRY
..VISUAL PHOTOMETRY
RT CHEMICAL ANALYSIS
COLORIMETRY
ILLUMINATING
% ILLUMINATION
LIGHT (VISIBLE RADIATION)
LUMINANCE
PHOTOGRAPHIC MEASUREMENT
PHOTOMETERS
POLARIMETRY
REFLECTANCE
SPECTROSCOPY
TRANSMITTANCE

PHOTOMICROGRAPHS
1407 2306 2310 2402 3501
GS PHOTOGRAPHS
#PHOTOMICROGRAPHS
RT PHOTOMICROGRAPHY

PHOTOMICROGRAPHY
1407 2306 2310 2402 3501
UF MICROGRAPHY
GS IMAGERY
#PHOTOMICROGRAPHY
PHOTOGRAPHY
#PHOTOMICROGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
ELECTRON MICROSCOPES
METALLOGRAPHY
MICROSCOPES
MICROSCOPY
MICROSTRUCTURE
PHOTOMICROGRAPHS

PHOTOMULTIPLIER TUBES
0905 1002 2306
UF ELECTRON MULTIPLIERS
MULTIPLIER PHOTOTUBES
GS AMPLIFIERS
.CURRENT AMPLIFIERS
.#PHOTOMULTIPLIER TUBES
...FREQUENCY MODULATION PHOTOMULTIPLIERS
ELECTRON TUBES
.COLD CATHODE TUBES
..PHOTOTUBES
..#PHOTOMULTIPLIER TUBES
....FREQUENCY MODULATION PHOTOMULTIPLIERS
RT CATHODES
CHANNEL MULTIPLIERS
DYNODES
ELECTRODES
MICROCHANNEL PLATES
MICROWAVE TUBES
MULTIPACTOR DISCHARGES
MULTIPLIERS
PHOTOCATHODES
PHOTOELECTRIC CELLS
SCINTILLATING FIBERS
SCINTILLATION COUNTERS
SECONDARY EMISSION

PHOTON ABSORPTIOMETRY
1409 2311 2401 2402 2405
GS DENSITY MEASUREMENT
#PHOTON ABSORPTIOMETRY
RT ABSORPTION SPECTRA
DENSITOMETERS
ELECTROMAGNETIC ABSORPTION
ENERGY ABSORPTION

GAMMA RAY ABSORPTIOMETRY
GAMMA RAY ABSORPTION
MULTIPHOTON ABSORPTION
RADIATION ABSORPTION

PHOTON BEAMS
2306 2402 2403 2405
GS BEAMS (RADIATION)
#PHOTON BEAMS
ELECTROMAGNETIC RADIATION
#PHOTON BEAMS
RT BEAM WAVEGUIDES
GAMMA RAY BEAMS
INCIDENT RADIATION
LASER OUTPUTS
LIGHT BEAMS
OPTICAL PATHS
OPTICAL SCANNERS
PHONON BEAMS
PHOTOELECTROCHEMICAL DEVICES
PHOTONIC PROPULSION
PHOTONS
REFLECTED WAVES
REFRACTED WAVES
THERMAL BLOOMING

PHOTON DENSITY
2306 2403 2405 3009
GS RATES (PER TIME)
.FLUX DENSITY
.#PHOTON DENSITY
RT SQUEEZED STATES (QUANTUM THEORY)

PHOTON-ELECTRON INTERACTION
0605 2202 2405
RT ELASTIC SCATTERING
ELECTRON SCATTERING
ELEMENTARY PARTICLE INTERACTIONS
% INTERACTIONS
UMKLAPP PROCESS

PHOTONEUTRONS
2202 2306 2405
GS NUCLEAR RADIATION
#PHOTONEUTRONS
PARTICLES
.ELEMENTARY PARTICLES
..FERMIONS
...NEUTRONS
...#PHOTONEUTRONS
.NEUTRAL PARTICLES
..NEUTRONS
..#PHOTONEUTRONS
RT BARYONS
NUCLEAR PARTICLES
NUCLEAR REACTIONS
PHOTOELECTRONS
PHOTONUCLEAR REACTIONS
VECTOR DOMINANCE MODEL

PHOTONIC PROPULSION
2202 2306 2308 2402 2405
GS PROPULSION
.LOW THRUST PROPULSION
.#PHOTONIC PROPULSION
.SPACECRAFT PROPULSION
.#PHOTONIC PROPULSION
RT ELECTROMAGNETIC PROPULSION
PHOTON BEAMS

PHOTONIC SWITCHING
USE OPTICAL SWITCHING

PHOTONICS
2310 3405
RT ELECTRO-OPTICS
FIBER OPTICS
LASERS
LIGHT EMITTING DIODES
OPTICAL DATA PROCESSING
OPTICAL SWITCHING
OPTICAL WAVEGUIDES
OPTOELECTRONIC DEVICES
PHOTONS

PHOTONS
0710 2306 2310 2402 2403 2405 2903
GS PARTICLES
.ELEMENTARY PARTICLES
..BOSONS
..#PHOTONS
.NUCLEAR PARTICLES
..BOSONS
..#PHOTONS
RT ANNIHILATION REACTIONS
COSMIC RAYS
ELECTROMAGNETIC RADIATION
GAMMA RAYS
LIGHT (VISIBLE RADIATION)
NUCLEAR RADIATION
OPTICAL PROPERTIES
PHOTON BEAMS
PHOTONICS
PHOTONUCLEAR REACTIONS
PHOTOPRODUCTION
PLANCKS CONSTANT
QUANTUM THEORY
% RADIATION
ROTONS

PHOTONUCLEAR REACTIONS
2202 2205 2405
GS NUCLEAR REACTIONS
#PHOTONUCLEAR REACTIONS
RT ELECTROMAGNETIC INTERACTIONS
LIGHT (VISIBLE RADIATION)
PARTICLE INTERACTIONS
PHOTOELECTRONS
PHOTONEUTRONS
PHOTONS
PHOTOPRODUCTION

PHOTOOXIDATION
0602 0605 2306
GS CHEMICAL REACTIONS
.OXIDATION
.#PHOTOOXIDATION
RT ASSOCIATION REACTIONS
PHOTOCHEMICAL OXIDANTS

PHOTOPEAK
2306 2402
RT AMPLITUDE DISTRIBUTION ANALYSIS
PHOTOELECTRIC EMISSION
PULSE AMPLITUDE
SCINTILLATION COUNTERS

PHOTOPHILIC PLANTS
0404 0409
GS PLANTS (BOTANY)
#PHOTOPHILIC PLANTS
RT LIGHT (VISIBLE RADIATION)
PHOTOSENSITIVITY

PHOTOPHORESIS
2202
RT AEROSOLS
LIGHT (VISIBLE RADIATION)
PARTICLE INTERACTIONS
PARTICLE MOTION
RADIATION PRESSURE

PHOTOPLASTICITY
1809 3408
GS MECHANICAL PROPERTIES
.PLASTIC PROPERTIES
.#PHOTOPLASTICITY

PHOTOPRODUCTION
1407
GS ELECTROMAGNETIC INTERACTIONS
#PHOTOPRODUCTION
PARTICLE PRODUCTION
#PHOTOPRODUCTION
RT ELECTROMAGNETIC ABSORPTION

PAIR PRODUCTION
PHOTONS
PHOTONUCLEAR REACTIONS
RADIOACTIVE DECAY
VECTOR DOMINANCE MODEL

PHOTORECEPTORS
1413
GS ANATOMY
.SENSE ORGANS
.#PHOTORECEPTORS
RECEPTORS (PHYSIOLOGY)
#PHOTORECEPTORS
RT EYE (ANATOMY)
PHOTOSENSITIVITY
RETINA
SENSITOMETRY
VISUAL PIGMENTS
YOUNG-HELMHOLTZ THEORY

PHOTORECONNAISSANCE
1303 1401 1407 3401 3501
GS IMAGERY
#PHOTORECONNAISSANCE
RECONNAISSANCE
#PHOTORECONNAISSANCE
RT AERIAL RECONNAISSANCE
AIRBORNE INTEGRATED RECONNAISSANCE SYSTEM
BLACK AND WHITE PHOTOGRAPHY
DMSP SATELLITES
EARTH RESOURCES SURVEY AIRCRAFT
GROUND TRUTH
HS-801 AIRCRAFT
PHOTOGRAMMETRY
PHOTOGRAPHIC MEASUREMENT
PHOTOGRAPHY
PHOTOINTERPRETATION
SPECTRAL RECONNAISSANCE

PHOTOREDUCTION
USE PHOTOCHEMICAL REACTIONS

PHOTORESISTIVITY
USE PHOTOCONDUCTIVITY

PHOTORESISTORS
USE PHOTOCONDUCTORS

PHOTOSENSITIVITY
0605 0902 1413 2304 2306
GS SENSITIVITY
#PHOTOSENSITIVITY
..LIGHT ADAPTATION
..PHOTOTROPISM
RT LIGHT (VISIBLE RADIATION)
PHOTOGRAPHIC EMULSIONS
PHOTOPHILIC PLANTS
PHOTORECEPTORS
SENSITOMETRY
THRESHOLDS (PERCEPTION)
VISUAL PIGMENTS

PHOTOSENSORS
USE PHOTOELECTRICITY
RADIATION MEASURING INSTRUMENTS

PHOTOSPHERE
1302 2903
GS #PHOTOSPHERE
.SOLAR GRANULATION
RT CHROMOSPHERE
FACULAE
SOLAR ATMOSPHERE
SOLAR PHYSICS
SPICULES
STARSPOTS
STELLAR ACTIVITY
SUN
SUNSPOTS

PHOTOSTRESSES
2306 2405
GS STRESSES
#PHOTOSTRESSES

PHOTOSYNTHESIS
0404 0409 0507 2306
GS CHEMICAL REACTIONS
.PHOTOCHEMICAL REACTIONS
.#PHOTOSYNTHESIS
RT ALGAE
CARBOHYDRATES
CHLORELLA
CHLOROPHYLLS
CHLOROPLASTS
CROP GROWTH
RESPIRATION

PHOTOTHERMAL CONVERSION
1802
GS ENERGY CONVERSION
.SOLAR ENERGY CONVERSION
.#PHOTOTHERMAL CONVERSION
RT % CONVERSION
ENERGY ABSORPTION FILMS
ENERGY CONVERSION EFFICIENCY
ENERGY TECHNOLOGY
SELECTIVITY
SOLAR COLLECTORS
SOLAR DYNAMIC POWER SYSTEMS
SOLAR ENERGY ABSORBERS
SOLAR REFLECTORS
SOLAR THERMAL ELECTRIC POWER PLANTS
SPECTRAL SENSITIVITY
THERMAL ENERGY
THERMODYNAMICS

PHOTOTHERMOTROPISM
USE ANISOTROPY
PHOTOTROPISM
TEMPERATURE EFFECTS

PHOTOTRANSISTORS
0905 0906 2306 2402
GS ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
...TRANSISTORS
...#PHOTOTRANSISTORS
OPTOELECTRONIC DEVICES
#PHOTOTRANSISTORS
RT JUNCTION TRANSISTORS
PHOTOCONDUCTORS
PHOTODIODES
PHOTOELECTRIC CELLS
PHOTOELECTRIC MATERIALS
PHOTOMETERS
PHOTOTUBES

PHOTOTROPISM
0404 0409 2306
UF PHOTOTHERMOTROPISM
GS SENSITIVITY
.PHOTOSENSITIVITY
.#PHOTOTROPISM
RT COLOR
CROP VIGOR
OPTICAL PROPERTIES
PLANTS (BOTANY)

PHOTOTUBES
0905 2306
GS ELECTRON TUBES
.COLD CATHODE TUBES
.#PHOTOTUBES
...PHOTOMULTIPLIER TUBES
....FREQUENCY MODULATION PHOTOMULTIPLIERS
RT CATHODES
ELECTRODES
FLYING SPOT SCANNERS
GAS DISCHARGE TUBES
MICROWAVE TUBES
PHOTODIODES

```
        PHOTOELECTRIC CELLS
        PHOTOELECTRIC MATERIALS
        PHOTOTRANSISTORS

PHOTOVISCOELASTICITY
  2306 2311 2601
  GS    ELECTROMAGNETIC PROPERTIES
        .OPTICAL PROPERTIES
        .#PHOTOVISCOELASTICITY
        .PHOTOELASTICITY
        .#PHOTOVISCOELASTICITY
        MECHANICAL PROPERTIES
        .ELASTIC PROPERTIES
        ..PHOTOELASTICITY
        ..#PHOTOVISCOELASTICITY
        ..VISCOELASTICITY
        ..#PHOTOVISCOELASTICITY

PHOTOVOLTAGES
  0902 2304 2306
  GS    POTENTIAL ENERGY
        .ELECTRIC POTENTIAL
        .#PHOTOVOLTAGES
  RT    PHOTOELECTRIC EMISSION
        PHOTOELECTRICITY
        PHOTOVOLTAIC EFFECT
        THRESHOLD VOLTAGE

PHOTOVOLTAIC CELLS
  0301 1413 2304 2306
  GS    ELECTRIC GENERATORS
        .DIRECT POWER GENERATORS
        ..PHOTOELECTRIC GENERATORS
        ..#PHOTOVOLTAIC CELLS
        ....SOLAR CELLS
        .....VERTICAL JUNCTION SOLAR CELLS
        ELECTRONIC EQUIPMENT
        .SOLID STATE DEVICES
        ..SEMICONDUCTOR DEVICES
        ..#PHOTOVOLTAIC CELLS
        ....SOLAR CELLS
        .....VERTICAL JUNCTION SOLAR CELLS
        PHOTOELECTRIC CELLS
        #PHOTOVOLTAIC CELLS
        ..SOLAR CELLS
        ...VERTICAL JUNCTION SOLAR CELLS
  RT    AMORPHOUS SILICON
      % CELLS
        ELECTROCHEMICAL CELLS
        PHOTOCONDUCTIVE CELLS
        PHOTOELECTRIC MATERIALS
        SHORT CIRCUIT CURRENTS
        SIS (SEMICONDUCTORS)
        SOLAR GENERATORS

PHOTOVOLTAIC CONVERSION
  0301 0302 1802
  GS    ENERGY CONVERSION
        .SOLAR ENERGY CONVERSION
        .#PHOTOVOLTAIC CONVERSION
  RT  % CONVERSION
        PHOTOVOLTAIC EFFECT
        SOLAR ARRAYS
        SOLAR CELLS

PHOTOVOLTAIC EFFECT
  0301 0604 2304
  GS    ELECTRICAL PROPERTIES
        #PHOTOVOLTAIC EFFECT
        PHOTOELECTRICITY
        .PHOTOELECTRIC EFFECT
        .#PHOTOVOLTAIC EFFECT
  RT  % EFFECTS
        PHOTOELECTRIC EMISSION
        PHOTOELECTRONS
        PHOTOVOLTAGES
        PHOTOVOLTAIC CONVERSION
        THRESHOLD VOLTAGE

PHREATOPHYTES
  0409
  GS    PLANTS (BOTANY)
        #PHREATOPHYTES
  RT    TREES (PLANTS)

PHTHALATES
  0603 1808
  GS    ESTERS
        #PHTHALATES

PHTHALOCYANIN
  0603 1808
  GS    ORGANIC COMPOUNDS
        .CYCLIC COMPOUNDS
        ..HETEROCYCLIC COMPOUNDS
        ..#PHTHALOCYANIN
  RT    PIGMENTS

PHUGOID OSCILLATIONS
  USE   OSCILLATIONS
        PITCH (INCLINATION)

PHYLLOQUINONE
  0403 0405 1808
  UF    VITAMIN K
  GS    ORGANIC COMPOUNDS
        .CYCLIC COMPOUNDS
        ..HETEROCYCLIC COMPOUNDS
        ..#PHYLLOQUINONE
        .LIPIDS
        .#PHYLLOQUINONE
        VITAMINS
        #PHYLLOQUINONE

PHYSICAL CHEMISTRY
  0602 2401 2404 2405
  GS   #PHYSICAL CHEMISTRY
        .CRYOCHEMISTRY
        .QUANTUM CHEMISTRY
  RT    AEROTHERMOCHEMISTRY
        ATMOSPHERIC CHEMISTRY
        CHEMICAL ANALYSIS
      % CHEMISTRY
        COMPUTATIONAL CHEMISTRY
        MOLECULAR DYNAMICS
        NUCLEAR CHEMISTRY
      % PHYSICS
        THERMOCHEMISTRY
        THERMODYNAMICS

PHYSICAL CONSTANTS TESTING REACTOR
  USE   NUCLEAR RESEARCH AND TEST REACTORS
        WATER COOLED REACTORS

PHYSICAL ENDURANCE
  USE   PHYSICAL FITNESS

PHYSICAL EXAMINATIONS
  0401 0405 0408
  RT    FLIGHT FITNESS
        MOBILE QUARANTINE FACILITY
        PERCUSSION
        PERSONNEL SELECTION

PHYSICAL EXERCISE
  0401 0405 0408
  UF    EXERCISE
        GYMNASTICS
  GS   #PHYSICAL EXERCISE
        .HYPERKINESIA
  RT    ANGINA PECTORIS
        ATHLETES
        ATROPHY
        FATIGUE (BIOLOGY)
        HYPOKINESIA
        PHYSICAL FITNESS
        RUNNING
        SWIMMING
        TREADMILLS
        WALKING

PHYSICAL FACTORS
  0408 2311
  GS    PHYSIOLOGICAL FACTORS
        #PHYSICAL FACTORS
```

RT % PHYSICS
WORK

PHYSICAL FITNESS
0401 0404 0405 0408
UF PHYSICAL ENDURANCE
GS FITNESS
#PHYSICAL FITNESS
RT ATHLETES
COMPETITION
EXERCISE PHYSIOLOGY
FLIGHT FITNESS
PHYSICAL EXERCISE
PHYSIOLOGICAL TESTS
POSTURE
SPORTS MEDICINE
SWIMMING
TREADMILLS
WORK CAPACITY

PHYSICAL OPTICS
2306 2310
RT CRYSTAL OPTICS
FIBER OPTICS
GEOMETRICAL OPTICS
GRADIENT INDEX OPTICS
OPTICAL PROPERTIES
% OPTICS
QUANTUM OPTICS
QUANTUM THEORY
% THEORIES

% PHYSICAL PROPERTIES
2311 3408
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ACOUSTIC PROPERTIES
ADSORPTIVITY
BRAGG ANGLE
BUOYANCY
CHEMICAL PROPERTIES
COLOR
DENSITY (MASS/VOLUME)
DIFFUSIVITY
DURABILITY
EDDY CURRENTS
ELASTIC PROPERTIES
ELECTRICAL PROPERTIES
ELECTROMAGNETIC PROPERTIES
FUSIBILITY
% HIGH RESISTANCE
HYGROSCOPICITY
HYSTERESIS
IMPEDANCE
INTERNAL FRICTION
ISOTROPY
MAGNETIC DIPOLES
MAGNETIC PROPERTIES
MECHANICAL PROPERTIES
OPTICAL PROPERTIES
PERMEABILITY
POLYMORPHISM
PROPELLANT PROPERTIES
% PROPERTIES
SURFACE PROPERTIES
THERMAL EXPANSION
THERMODYNAMIC PROPERTIES
THIXOTROPY
TRANSMISSIVITY
TRANSPORT PROPERTIES
VIRTUAL PROPERTIES
VISCOSITY

% PHYSICAL SCIENCES
0404 3409
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ASTRONOMY
% CHEMISTRY
GEOLOGY
LIFE SCIENCES
% METALLURGY
METEOROLOGY
MINERALOGY
OCEANOGRAPHY
% PHYSICS
% SCIENCE

PHYSICAL WORK
0404 0502 0506
UF EXERTION
GS WORK
#PHYSICAL WORK
RT EFFORT
HORSEPOWER
TASKS
TREADMILLS
WORK CAPACITY
WORKLOADS (PSYCHOPHYSIOLOGY)

PHYSICIANS
0401 0405 0408
GS PERSONNEL
.MEDICAL PERSONNEL
.#PHYSICIANS
RT STETHOSCOPES

% PHYSICS
2311
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ASTROPHYSICS
ATMOSPHERIC PHYSICS
ATOMIC PHYSICS
BIOPHYSICS
BRANCHING (PHYSICS)
CHARM (PARTICLE PHYSICS)
CLOUD PHYSICS
COMBUSTION
COMBUSTION PHYSICS
CONDENSED MATTER PHYSICS
DEGENERATE MATTER
ELECTROPHYSICS
FIELD THEORY (PHYSICS)
GEOPHYSICS
HEALTH PHYSICS
HEALTH PHYSICS RESEARCH REACTOR
KINETICS
LOW TEMPERATURE PHYSICS
MAGNETOMECHANICS (PHYSICS)
MATTER (PHYSICS)
% MECHANICS (PHYSICS)
% MOLECULAR PHYSICS
NEUTRON PHYSICS
NUCLEAR PHYSICS
NUCLEI (NUCLEAR PHYSICS)
PHYSICAL CHEMISTRY
PHYSICAL FACTORS
% PHYSICAL SCIENCES
PLASMA PHYSICS
PLASMAS (PHYSICS)
POLYMER PHYSICS
PSYCHOPHYSICS
QUENCHING (ATOMIC PHYSICS)
RADIO PHYSICS
REACTOR PHYSICS
REENTRY PHYSICS
RIGID ROTORS (PLASMA PHYSICS)
% SCIENCE
SELECTION RULES (NUCLEAR PHYSICS)
SOLAR PHYSICS
% SOLID STATE PHYSICS
STRANGE ATTRACTORS
THEORETICAL PHYSICS

PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
0709
UF PACE
GS EXPERIMENTATION
#PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
PAYLOADS

.SPACE SHUTTLE PAYLOADS
.#PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
SPACEBORNE EXPERIMENTS
#PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
RT % CHEMISTRY
SPACE FLIGHT

PHYSIOCHEMISTRY
0403 0404 0408 1808
GS BIOCHEMISTRY
#PHYSIOCHEMISTRY
RT % CHEMISTRY
EXERCISE PHYSIOLOGY
MOLECULAR BIOLOGY
ORGANIC CHEMISTRY
PHYSIOLOGY
PSYCHOTROPIC DRUGS
% SCIENCE

PHYSIOGRAPHY
USE GEOMORPHOLOGY

PHYSIOLOGICAL ACCELERATION
0401 0405 0408
GS RATES (PER TIME)
#PHYSIOLOGICAL ACCELERATION
RT % ACCELERATION
ACCELERATION (PHYSICS)
ACCELERATION STRESSES (PHYSIOLOGY)
DECELERATION
GRAVITATIONAL PHYSIOLOGY
IMPACT ACCELERATION

PHYSIOLOGICAL DEFENSES
0404 0405 0408 0412
GS #PHYSIOLOGICAL DEFENSES
.IMMUNE SYSTEMS
RT ACQUIRED IMMUNODEFICIENCY SYNDROME
ANTIBODIES
ANTIGENS
BIOCOMPATIBILITY
% DEFENSE
INOCULUM
INTERFERON

PHYSIOLOGICAL EFFECTS
0401 0403 0405
GS #PHYSIOLOGICAL EFFECTS
.PHYSIOLOGICAL RESPONSES
..HEMODYNAMIC RESPONSES
RT BIOLOGICAL EFFECTS
BONE DEMINERALIZATION
CHOLERA
COMFORT
DIVING (UNDERWATER)
% EFFECTS
ELECTROLYTE METABOLISM
ENVIRONMENTAL ENGINEERING
ENVIRONMENTS
EXERCISE PHYSIOLOGY
GEOTROPISM
GONADS
GRAVITATIONAL PHYSIOLOGY
HEAD DOWN TILT
HEAT ACCLIMATIZATION
HEAT STROKE
HEMATOPOIESIS
HEMATOPOIETIC SYSTEM
HUMAN REACTIONS
NOISE POLLUTION
RADIATION EFFECTS
REACTION TIME
RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)
SHOCK (PHYSIOLOGY)
SPACE ADAPTATION SYNDROME
SPORTS MEDICINE

PHYSIOLOGICAL FACTORS
0401 0405 0408
GS #PHYSIOLOGICAL FACTORS
.PHYSICAL FACTORS
RT ASTRONAUT PERFORMANCE
CHEMICAL DEFENSE
CHEMICAL WARFARE
FLIGHT STRESS (BIOLOGY)
NOISE POLLUTION
SEX FACTOR

PHYSIOLOGICAL RESPONSES
0408
GS PHYSIOLOGICAL EFFECTS
#PHYSIOLOGICAL RESPONSES
..HEMODYNAMIC RESPONSES
RESPONSES
#PHYSIOLOGICAL RESPONSES
..HEMODYNAMIC RESPONSES
RT DESYNCHRONIZATION (BIOLOGY)
EVOKED RESPONSE (PSYCHOPHYSIOLOGY)
GRAVITATIONAL PHYSIOLOGY
PATHOLOGICAL EFFECTS

PHYSIOLOGICAL TELEMETRY
USE BIOTELEMETRY

PHYSIOLOGICAL TESTS
0401 0405 0408
GS #PHYSIOLOGICAL TESTS
.BODY SWAY TEST
.CARBOXYHEMOGLOBIN TEST
.EAR PRESSURE TEST
.ELECTRONYSTAGMOGRAPHY
.VESTIBULAR TESTS
.WEBER TEST
RT CARDIAC OUTPUT
CARDIOGRAPHY
CERTIFICATION
ENVIRONMENTAL INDEX
ENVIRONMENTAL TESTS
MOBILE QUARANTINE FACILITY
PERSONNEL SELECTION
PHYSICAL FITNESS
PILOT SELECTION
PSYCHOMOTOR PERFORMANCE
SENSORIMOTOR PERFORMANCE
STROKE VOLUME
TAYLOR MANIFEST ANXIETY SCALE
% TESTS
TREADMILLS
URINALYSIS

PHYSIOLOGY
0408
GS #PHYSIOLOGY
.ELECTROPHYSIOLOGY
.EXERCISE PHYSIOLOGY
.GRAVITATIONAL PHYSIOLOGY
.NEUROPHYSIOLOGY
.PSYCHOPHYSIOLOGY
.RESPIRATORY PHYSIOLOGY
.UNDERWATER PHYSIOLOGY
RT AGING (BIOLOGY)
BLOOD CIRCULATION
BONE DEMINERALIZATION
CATABOLISM
CYTOGENESIS
DIFFERENTIATION (BIOLOGY)
DIGESTING
HEART FUNCTION
HEMODYNAMICS
HOMEOSTASIS
MENSTRUATION
METABOLISM
MITOSIS
NARCOSIS
PHYSIOCHEMISTRY
REGENERATION (PHYSIOLOGY)
REGULARITY
RESPIRATION
% SCIENCE
SHOCK (PHYSIOLOGY)
STRESS (PHYSIOLOGY)
THERMOREGULATION

TOLERANCES (PHYSIOLOGY)

PHYTOPLANKTON
0402 0404 0407 0409
GS PLANKTON
#PHYTOPLANKTON
PLANTS (BOTANY)
.AQUATIC PLANTS
.#PHYTOPLANKTON
RT ALGAE
MARINE BIOLOGY
WATER POLLUTION
ZOOPLANKTON

PHYTOTRONS
0404
UF GERMINATORS
GROWTH CHAMBERS
RT GERMINATION
GREENHOUSES
GROWTH
PLANTS (BOTANY)

PI-ELECTRONS
0604 2401 2403 2603
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
...ELECTRONS
...#PI-ELECTRONS
RT MOLECULAR ELECTRONICS
NUCLEAR PARTICLES

PIAGGIO AIRCRAFT
0201 0204
GS #PIAGGIO AIRCRAFT
.P-166 AIRCRAFT
.PD-808 AIRCRAFT
RT % AIRCRAFT

PIAGGIO P-166 AIRCRAFT
USE P-166 AIRCRAFT

PIAGGIO-DOUGLAS PD-808 AIRCRAFT
USE PD-808 AIRCRAFT

PIASECKI AIRCRAFT
0207
GS #PIASECKI AIRCRAFT
.VZ-8 AIRCRAFT
RT % AIRCRAFT

PICKLING (METALLURGY)
1704
GS CLEANING
.CHEMICAL CLEANING
.#PICKLING (METALLURGY)
RT DESCALING
METAL FILMS
METAL FINISHING
SCALE (CORROSION)

PICKOFFS
USE SENSORS

PICKUPS
USE SENSORS

PICOSECOND PULSES
1002 1601
GS PULSES
#PICOSECOND PULSES
RT AMPLITUDES
ELECTROMAGNETIC MISSILES
ELECTROMAGNETIC PULSES
LASER OUTPUTS
PULSE RATE
PULSED RADIATION
TIME SIGNALS

PICRATES
1808
GS NITROGEN COMPOUNDS
.NITRO COMPOUNDS
.#PICRATES
...AMMONIUM PICRATES

PICTURE ELEMENTS
USE PIXELS

PICTURE TUBES
0905 1002
UF KINESCOPES
GS ELECTRON TUBES
.VACUUM TUBES
..CATHODE RAY TUBES
..#PICTURE TUBES
VIDEO EQUIPMENT
#PICTURE TUBES
RT DISPLAY DEVICES
FLYING SPOT SCANNERS
RASTER SCANNING
TELEVISION EQUIPMENT

PIDV (VELOCIMETRY)
USE PARTICLE IMAGE VELOCIMETRY

PIEDMONTS
1305
UF PEDIMENTS
PEDIPLAINS
GS LANDFORMS
.TERRACES (LANDFORMS)
..PLATEAUS
..#PIEDMONTS
....CENTRAL PIEDMONT (US)
RT COASTAL PLAINS
MOUNTAINS

PIERCING
1504
UF PUNCTURING
RT CUTTING
DRILLING
EXTRUDING
FORGING
METAL WORKING
PENETRATION
PERFORATING
% PERFORATION
SPARK MACHINING
VULNERABILITY

PIERS
USE WHARVES

PIEZOELECTRIC CERAMICS
1002
GS TITANIUM COMPOUNDS
.TITANATES
.#PIEZOELECTRIC CERAMICS
...LEAD ZIRCONATE TITANATES

PIEZOELECTRIC CRYSTALS
1002 2304 2404 2601
GS CRYSTALS
.CRYSTAL OSCILLATORS
.#PIEZOELECTRIC CRYSTALS
OSCILLATORS
.CRYSTAL OSCILLATORS
.#PIEZOELECTRIC CRYSTALS
RT MICROSONICS
PIEZORESISTIVE TRANSDUCERS
QUARTZ TRANSDUCERS
SINGLE CRYSTALS

PIEZOELECTRIC GAGES
1002 1203 1408 2304 2601 3501
GS MEASURING INSTRUMENTS
.PRESSURE GAGES
.#PIEZOELECTRIC GAGES
TRANSDUCERS
.PIEZOELECTRIC TRANSDUCERS
.#PIEZOELECTRIC GAGES
.PIEZORESISTIVE TRANSDUCERS

```
        .#PIEZOELECTRIC GAGES
  RT    PRESSURE SENSORS
        STRAIN GAGES

PIEZOELECTRIC TRANSDUCERS
  1002 2304 2601
  GS    TRANSDUCERS
        #PIEZOELECTRIC TRANSDUCERS
        ..PIEZOELECTRIC GAGES
  RT    INTERDIGITAL TRANSDUCERS
        PRAETERSONIC DEVICES
        ULTRASONIC CLEANING

PIEZOELECTRICITY
  1002 2304 2404 2601
  GS    ELECTRICAL PROPERTIES
        #PIEZOELECTRICITY
        MECHANICAL PROPERTIES
        #PIEZOELECTRICITY
  RT    CRYSTAL OSCILLATORS
        ELASTIC PROPERTIES
        ELECTRICITY
        ELECTROSTRICTION
        PIEZORESISTIVE TRANSDUCERS
        PYROELECTRICITY

PIEZOMETERS
  0905 1408 2601 3501
  GS    MEASURING INSTRUMENTS
        .PRESSURE GAGES
        .#PIEZOMETERS
  RT    SEEPAGE

PIEZORESISTIVE TRANSDUCERS
  0905 1002 1406 1408 3501
  GS    TRANSDUCERS
        #PIEZORESISTIVE TRANSDUCERS
        ..PIEZOELECTRIC GAGES
  RT    PIEZOELECTRIC CRYSTALS
        PIEZOELECTRICITY

PIGEONS
  0402
  GS    ANIMALS
        .VERTEBRATES
        ..BIRDS
        ..#PIGEONS

PIGGYBACK SYSTEMS
  2806 3106 3107 3110 3409
  RT    AIR LAUNCHING
        MULTISTAGE ROCKET VEHICLES
        PAYLOAD MASS RATIO
        PAYLOADS
      % SYSTEMS

PIGMENTS
  1802 1805
  GS   #PIGMENTS
        .CAROTENE
        .CHLOROPHYLLS
        .CYTOCHROMES
        .MELANIN
        .VISUAL PIGMENTS
  RT    ADDITIVES
        ALBINISM
        ANATASE
        DOPA
        FILLERS
        INKS
        MYOGLOBIN
        PAINTS
        PHTHALOCYANIN
        RUTILE
        SKIN (ANATOMY)

PIGS (SWINE)
  USE   SWINE

PIKE'S PEAK (CO)
  1305
  GS    LANDFORMS
        .PEAKS (LANDFORMS)
        .#PIKE'S PEAK (CO)
  RT    COLORADO
        MOUNTAINS

PILE FOUNDATIONS
  3202
  GS    FOUNDATIONS
        #PILE FOUNDATIONS
  RT % PILES

% PILES
  2202 2203 2204 2405
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    NUCLEAR REACTORS
        PILE FOUNDATIONS

PILLOWS
  0506 0508 1811 3203
  RT    COUCHES
        CUSHIONS
        SEATS

PILOCARPINE
  0403 0405 0409
  GS    BASES (CHEMICAL)
        .ALKALOIDS
        .#PILOCARPINE
        NITROGEN COMPOUNDS
        .ALKALOIDS
        .#PILOCARPINE
        ORGANIC COMPOUNDS
        .CYCLIC COMPOUNDS
        ..HETEROCYCLIC COMPOUNDS
        ...ALKALOIDS
        ...#PILOCARPINE

PILOT ERROR
  0203 0502 2103 2104
  UF    FLIGHT TECHNICAL ERROR
  GS    ERRORS
        #PILOT ERROR
  RT    AIRCRAFT ACCIDENTS
        COLLISIONS
        CRASH LANDING
        CRASHES
        HUMAN FACTORS ENGINEERING
        HUMAN PERFORMANCE
        MIDAIR COLLISIONS
        PILOT INDUCED OSCILLATION

PILOT INDUCED OSCILLATION
  0201 0202
  RT    AERODYNAMIC STABILITY
        AIRCRAFT CONTROL
        AIRCRAFT STABILITY
        CONTROL STABILITY
        HIGH GAIN
        LONGITUDINAL CONTROL
        MAN MACHINE SYSTEMS
        NONSTABILIZED OSCILLATION
        PILOT ERROR
        PILOT PERFORMANCE
        SELF INDUCED VIBRATION
        STABLE OSCILLATIONS
        TRANSIENT OSCILLATIONS

PILOT LANDING AID TELEVISION SYSTEM
  USE   PLAT SYSTEM

PILOT PERFORMANCE
  0502 0506
  GS    HUMAN PERFORMANCE
        #PILOT PERFORMANCE
  RT    AIRCRAFT PERFORMANCE
        ASTRONAUT PERFORMANCE
        FLIGHT FATIGUE
        INTRAVEHICULAR ACTIVITY
        MAN OPERATED PROPULSION SYSTEMS
        OPERATOR PERFORMANCE
      % PERFORMANCE
```

PILOT INDUCED OSCILLATION
PSYCHOMOTOR PERFORMANCE
SENSORIMOTOR PERFORMANCE

PILOT PLANTS
1505 3404
RT INDUSTRIAL PLANTS
MODELS
PRODUCT DEVELOPMENT
PROTOTYPES

PILOT SELECTION
0502 0506
GS SELECTION
.PERSONNEL SELECTION
.#PILOT SELECTION
RT PHYSIOLOGICAL TESTS
PSYCHOLOGICAL TESTS

PILOT TRAINING
0502 0506 2101 2103 3401
GS EDUCATION
#PILOT TRAINING
RT ASTRONAUT TRAINING
AVIATION PSYCHOLOGY
EJECTION INJURIES
EJECTION TRAINING
FLIGHT SIMULATORS
FLIGHT TRAINING
SPACE FLIGHT TRAINING
TRAINING SIMULATORS

PILOTED CENTRIFUGES
USE HUMAN CENTRIFUGES

PILOTLESS AIRCRAFT
0201 2102 3110
SN (CONVENTIONAL AIRCRAFT CONVERTED FOR REMOTE CONTROL)
GS #PILOTLESS AIRCRAFT
.DRONE AIRCRAFT
..TARGET DRONE AIRCRAFT
...FIREBEE 2 TARGET DRONE AIRCRAFT
...JINDIVIK TARGET AIRCRAFT
RT % AIRCRAFT
BALLOONS
DRONE VEHICLES
LIGHT AIRCRAFT
% MILITARY AIRCRAFT
OBLIQUE WINGS
RECONNAISSANCE AIRCRAFT
REMOTELY PILOTED VEHICLES

% PILOTS
0202 0502 0506
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AIRCRAFT PILOTS
AUTOMATIC PILOTS
PILOTS (PERSONNEL)
TEST PILOTS

PILOTS (PERSONNEL)
0201 0502
GS PERSONNEL
.FLYING PERSONNEL
.#PILOTS (PERSONNEL)
...AIRCRAFT PILOTS
....TEST PILOTS
.OPERATORS (PERSONNEL)
.#PILOTS (PERSONNEL)
...AIRCRAFT PILOTS
....TEST PILOTS
RT ASTRONAUTS
COSMONAUTS
CREWS
FLIGHT CREWS
% PILOTS

PINCH EFFECT
1002 2501 2502
GS #PINCH EFFECT
.PLASMA PINCH
..SCREW PINCH
..THETA PINCH
..ZETA PINCH
.REVERSE FIELD PINCH
RT CYLINDRICAL PLASMAS
% EFFECTS
MAGNETIC FIELDS
MAGNETOHYDRODYNAMICS
PLASMA COMPRESSION
PLASMA CONTROL
RELATIVISTIC PLASMAS
STELLARATORS
THERMONUCLEAR POWER GENERATION
THERMONUCLEAR REACTIONS
ZETA THERMONUCLEAR REACTOR

PINEAL GLAND
0404
GS ANATOMY
.GLANDS (ANATOMY)
..ENDOCRINE GLANDS
..#PINEAL GLAND
.NERVOUS SYSTEM
..CENTRAL NERVOUS SYSTEM
...BRAIN
....DIENCEPHALON
....#PINEAL GLAND

PINHOLE CAMERAS
1407 3009
GS OPTICAL EQUIPMENT
.CAMERAS
.#PINHOLE CAMERAS
PHOTOGRAPHIC EQUIPMENT
.CAMERAS
.#PINHOLE CAMERAS
RT APERTURES
PHOTOGRAPHY
PINHOLE OCCULTER FACILITY
PINHOLES

PINHOLE OCCULTER FACILITY
1407 3001
GS OBSERVATORIES
.SOLAR OBSERVATORIES
.#PINHOLE OCCULTER FACILITY
RT OCCULTATION
PINHOLE CAMERAS
PINHOLES
SPACEBORNE ASTRONOMY

PINHOLES
1407 1412 2310
RT CASTING
CASTINGS
DEFECTS
INTERSTICES
LEAKAGE
PINHOLE CAMERAS
PINHOLE OCCULTER FACILITY
POROSITY

PINNACLES
USE PEAKS (LANDFORMS)

PINNING
1002
SN (LIMITED TO ELECTRONICS)
GS #PINNING
.FLUX PINNING
RT CRYSTAL DEFECTS
CRYSTAL DISLOCATIONS
CURRENT DENSITY
MAGNETIC FLUX
SUPERCONDUCTORS

PINS
1503 1701
GS FASTENERS
#PINS
RT COUPLINGS

```
      HOLDERS
      LATCHES
      RIVETS
    % SPIKES
      STUDS (STRUCTURAL MEMBERS)

PINTLES
  0202 1504 3203
  RT  PIVOTS
      RUDDERS
      SHAFTS (MACHINE ELEMENTS)

PION BEAMS
  1002 2401 2402 2403 2405
  GS  BEAMS (RADIATION)
      .PARTICLE BEAMS
      .#PION BEAMS
  RT  NEUTRAL BEAMS
      NEUTRON BEAMS

PIONEER F SPACE PROBE
  USE  PIONEER 10 SPACE PROBE

PIONEER G SPACE PROBE
  USE  PIONEER 11 SPACE PROBE

PIONEER PROJECT
  3007 3107 3108
  GS  PROGRAMS
      .NASA PROGRAMS
      ..NASA SPACE PROGRAMS
      ..#PIONEER PROJECT
      .PROJECTS
      .#PIONEER PROJECT
      .SPACE PROGRAMS
      ..NASA SPACE PROGRAMS
      ..#PIONEER PROJECT
  RT  LUNAR PROBES
      PIONEER SPACE PROBES
      SPACE PROBES

PIONEER SATURN SPACECRAFT
  USE  PIONEER 11 SPACE PROBE

PIONEER SPACE PROBES
  3007 3107 3108
  GS  INTERPLANETARY SPACECRAFT
      #PIONEER SPACE PROBES
      ..PIONEER VENUS 2 ENTRY PROBES
      ...PIONEER VENUS 2 NIGHT PROBE
      ...PIONEER VENUS 2 SOUNDER PROBE
      ..PIONEER 1 SPACE PROBE
      ..PIONEER 2 SPACE PROBE
      ..PIONEER 3 SPACE PROBE
      ..PIONEER 4 SPACE PROBE
      ..PIONEER 5 SPACE PROBE
      ..PIONEER 6 SPACE PROBE
      ..PIONEER 7 SPACE PROBE
      ..PIONEER 8 SPACE PROBE
      ..PIONEER 9 SPACE PROBE
      ..PIONEER 10 SPACE PROBE
      ..PIONEER 11 SPACE PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      .#PIONEER SPACE PROBES
      ...PIONEER VENUS 2 ENTRY PROBES
      ....PIONEER VENUS 2 NIGHT PROBE
      ....PIONEER VENUS 2 SOUNDER PROBE
      ...PIONEER 1 SPACE PROBE
      ...PIONEER 2 SPACE PROBE
      ...PIONEER 3 SPACE PROBE
      ...PIONEER 4 SPACE PROBE
      ...PIONEER 5 SPACE PROBE
      ...PIONEER 6 SPACE PROBE
      ...PIONEER 7 SPACE PROBE
      ...PIONEER 8 SPACE PROBE
      ...PIONEER 9 SPACE PROBE
      ...PIONEER 10 SPACE PROBE
      ...PIONEER 11 SPACE PROBE
  RT  JUNO 2 LAUNCH VEHICLE
      PIONEER PROJECT
      PIONEER VENUS SPACECRAFT
      PIONEER VENUS 1 SPACECRAFT
      PIONEER VENUS 2 SPACECRAFT
      SOLAR PROBES

PIONEER VENUS ORBITER
  USE  PIONEER VENUS 1 SPACECRAFT

PIONEER VENUS SPACECRAFT
  3108 3007
  UF  PIONEER 12 SPACE PROBE
  GS  INTERPLANETARY SPACECRAFT
      #PIONEER VENUS SPACECRAFT
      ..PIONEER VENUS 1 SPACECRAFT
      ..PIONEER VENUS 2 SPACECRAFT
      ...PIONEER VENUS 2 TRANSPORTER BUS
      UNMANNED SPACECRAFT
      #PIONEER VENUS SPACECRAFT
      ..PIONEER VENUS 1 SPACECRAFT
      ..PIONEER VENUS 2 SPACECRAFT
      ...PIONEER VENUS 2 TRANSPORTER BUS
  RT  PIONEER SPACE PROBES
    % PROBES
      SPACE PROBES

PIONEER VENUS 1 SPACECRAFT
  3007 3107
  UF  PIONEER VENUS ORBITER
  GS  INTERPLANETARY SPACECRAFT
      .PIONEER VENUS SPACECRAFT
      .#PIONEER VENUS 1 SPACECRAFT
      UNMANNED SPACECRAFT
      .PIONEER VENUS SPACECRAFT
      .#PIONEER VENUS 1 SPACECRAFT
  RT  PIONEER SPACE PROBES
    % PROBES
      SPACE PROBES

PIONEER VENUS 2 ENTRY PROBES
  3107
  GS  INTERPLANETARY SPACECRAFT
      .PIONEER SPACE PROBES
      .#PIONEER VENUS 2 ENTRY PROBES
      ...PIONEER VENUS 2 NIGHT PROBE
      ...PIONEER VENUS 2 SOUNDER PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..PIONEER SPACE PROBES
      ..#PIONEER VENUS 2 ENTRY PROBES
      ....PIONEER VENUS 2 NIGHT PROBE
      ....PIONEER VENUS 2 SOUNDER PROBE
  RT % PROBES

PIONEER VENUS 2 MULTIPROBE SPACECRAFT
  USE  PIONEER VENUS 2 SPACECRAFT

PIONEER VENUS 2 NIGHT PROBE
  3107 3009
  GS  INTERPLANETARY SPACECRAFT
      .PIONEER SPACE PROBES
      ..PIONEER VENUS 2 ENTRY PROBES
      ..#PIONEER VENUS 2 NIGHT PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..PIONEER SPACE PROBES
      ...PIONEER VENUS 2 ENTRY PROBES
      ...#PIONEER VENUS 2 NIGHT PROBE
  RT % PROBES

PIONEER VENUS 2 SOUNDER PROBE
  3107 3009
  GS  INTERPLANETARY SPACECRAFT
      .PIONEER SPACE PROBES
      ..PIONEER VENUS 2 ENTRY PROBES
      ..#PIONEER VENUS 2 SOUNDER PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..PIONEER SPACE PROBES
      ...PIONEER VENUS 2 ENTRY PROBES
      ...#PIONEER VENUS 2 SOUNDER PROBE

PIONEER VENUS 2 SPACECRAFT
  3107 3009 3007
  UF  PIONEER VENUS 2 MULTIPROBE
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```
        SPACECRAFT
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER VENUS SPACECRAFT
        .#PIONEER VENUS 2 SPACECRAFT
        ...PIONEER VENUS 2 TRANSPORTER BUS
        .VENUS PROBES
        .#PIONEER VENUS 2 SPACECRAFT
        ...PIONEER VENUS 2 TRANSPORTER BUS
        UNMANNED SPACECRAFT
        .PIONEER VENUS SPACECRAFT
        .#PIONEER VENUS 2 SPACECRAFT
        ...PIONEER VENUS 2 TRANSPORTER BUS
  RT    PIONEER SPACE PROBES
      % PROBES
      % SPACECRAFT

PIONEER VENUS 2 TRANSPORTER BUS
  3107 3007
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER VENUS SPACECRAFT
        ..PIONEER VENUS 2 SPACECRAFT
        ..#PIONEER VENUS 2 TRANSPORTER BUS
        .VENUS PROBES
        ..PIONEER VENUS 2 SPACECRAFT
        ..#PIONEER VENUS 2 TRANSPORTER BUS
        UNMANNED SPACECRAFT
        .PIONEER VENUS SPACECRAFT
        ..PIONEER VENUS 2 SPACECRAFT
        ..#PIONEER VENUS 2 TRANSPORTER BUS
  RT % PROBES

PIONEER 1 SPACE PROBE
  1307 3007 3107 3108
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 1 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 1 SPACE PROBE
  RT    THOR ABLE ROCKET VEHICLE

PIONEER 2 SPACE PROBE
  3108 3007
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 2 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 2 SPACE PROBE

PIONEER 3 SPACE PROBE
  3007 3108
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 3 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 3 SPACE PROBE
  RT    JUNO 2 LAUNCH VEHICLE

PIONEER 4 LUNAR PROBE
  USE   PIONEER 4 SPACE PROBE

PIONEER 4 SPACE PROBE
  3007 3108
  UF    PIONEER 4 LUNAR PROBE
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 4 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 4 SPACE PROBE
  RT    JUNO 2 LAUNCH VEHICLE

PIONEER 5 SPACE PROBE
  3007 3108
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 5 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 5 SPACE PROBE
  RT    THOR ABLE ROCKET VEHICLE

PIONEER 6 SPACE PROBE
  3108 3007
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 6 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 6 SPACE PROBE
  RT    DELTA LAUNCH VEHICLE
        JUNO 2 LAUNCH VEHICLE

PIONEER 7 SPACE PROBE
  3108 3007
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 7 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 7 SPACE PROBE
  RT    DELTA LAUNCH VEHICLE
        JUNO 2 LAUNCH VEHICLE

PIONEER 8 SPACE PROBE
  3108 3007
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 8 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 8 SPACE PROBE
  RT    JUNO 2 LAUNCH VEHICLE
      % PROBES

PIONEER 9 SPACE PROBE
  3007 3108
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 9 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 9 SPACE PROBE
  RT % PROBES

PIONEER 10 SPACE PROBE
  1307 3007 3107 3108 3409
  UF    PIONEER F SPACE PROBE
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 10 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 10 SPACE PROBE
  RT % PROBES

PIONEER 11 SPACE PROBE
  1307 3007 3107 3108 3409
  UF    PIONEER G SPACE PROBE
        PIONEER SATURN SPACECRAFT
  GS    INTERPLANETARY SPACECRAFT
        .PIONEER SPACE PROBES
        .#PIONEER 11 SPACE PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..PIONEER SPACE PROBES
        ..#PIONEER 11 SPACE PROBE
  RT % PROBES

PIONEER 12 SPACE PROBE
  USE   PIONEER VENUS SPACECRAFT

PIONS
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```
  2401 2402 2403 2405
  GS   PARTICLES
       .ELEMENTARY PARTICLES
       ..BOSONS
       ...MESONS
       ...#PIONS
       .NUCLEAR PARTICLES
       ..BOSONS
       ...MESONS
       ...#PIONS
  RT   BARYONS
       CHARGED PARTICLES
       KAONS

PIPE FLOW
  1202 1504
  UF   KIRCHHOFF-HELMHOLTZ FLOW
  GS   FLUID FLOW
       .GAS FLOW
       .#PIPE FLOW
       .PARALLEL FLOW
       .#PIPE FLOW
  RT   CAVITY FLOW
       CHANNEL FLOW
       CHOKED FLOW
       CRITICAL FLOW
       LAMINAR FLOW
       LIQUID FLOW
       MASS FLOW
       MULTIPHASE FLOW
       OPEN CHANNEL FLOW
       ORIFICE FLOW
       PIPES (TUBES)
       PRESSURE GRADIENTS
       SINGLE-PHASE FLOW
       STEADY FLOW
       STEAM FLOW
       SUBCRITICAL FLOW
       SUPERCRITICAL FLOW
       TURBULENT FLOW
       UNIFORM FLOW
       UNSTEADY FLOW
       WATER FLOW
       WATER HAMMER
       WATER PRESSURE

PIPE NOZZLES
  1504
  RT   EXHAUST SYSTEMS
       INLET NOZZLES
       INTAKE SYSTEMS
       NOZZLE GEOMETRY
     % NOZZLES
       OPENINGS
       OUTLETS
       TANKS (CONTAINERS)

PIPELINES
  0905 2302
  GS  #PIPELINES
       .SEWERS
  RT   CROSSINGS
     % LINES
       MATERIALS HANDLING
       PIPES (TUBES)
       PUMPS
       SIPHONS
       STEAM FLOW
     % STORAGE
       STORAGE TANKS
       TRANSPORTATION
       WASTE DISPOSAL
       WATER HAMMER

PIPELINING (COMPUTERS)
  0801
  GS   DATA PROCESSING
       #PIPELINING (COMPUTERS)
  RT   ASSOCIATIVE PROCESSING (COMPUTERS)
       DATA PROCESSING EQUIPMENT
       MULTIPROCESSING (COMPUTERS)
       MULTIPROGRAMMING
       PARALLEL PROGRAMMING
       TIME SHARING
       VECTOR PROCESSING (COMPUTERS)

PIPER AIRCRAFT
  0204 0207
  GS   LIGHT AIRCRAFT
       #PIPER AIRCRAFT
       ..PA-34 SENECA AIRCRAFT
  RT % AIRCRAFT
       GENERAL AVIATION AIRCRAFT

PIPERIDINE
  1808
  GS   BASES (CHEMICAL)
       #PIPERIDINE
       ORGANIC COMPOUNDS
       .CYCLIC COMPOUNDS
       ..HETEROCYCLIC COMPOUNDS
       ..#PIPERIDINE
  RT   PYRIDINES

PIPES (TUBES)
  1202 1504
  UF   TUBING
  GS  #PIPES (TUBES)
       .GAS PIPES
       .U BENDS
  RT % CASING
       CIRCULAR TUBES
       DUCTS
       FLUID FLOW
     % HEADERS
       HOSES
     % HYDRAULICS
       MANIFOLDS
       PIPE FLOW
       PIPELINES
       RISERS
       SIPHONS
       SYRINGES
     % TUBES

PIPETTES
  0501 0603
  RT   BURETTES
       GLASSWARE
       LABORATORY EQUIPMENT

PIRANI GAGES
  1408 3501
  GS   MEASURING INSTRUMENTS
       .PRESSURE GAGES
       ..VACUUM GAGES
       ..#PIRANI GAGES
       VACUUM APPARATUS
       .VACUUM GAGES
       .#PIRANI GAGES
  RT   HOT-WIRE FLOWMETERS
       IONIZATION GAGES
       KNUDSEN GAGES
       MCLEOD GAGES
       PRESSURE MEASUREMENT

PISTON ENGINES
  1504 2801 2805
  UF   RECIPROCATING ENGINES
  GS   ENGINES
       #PISTON ENGINES
       ..DIESEL ENGINES
       ..FREE-PISTON ENGINES
       ..STIRLING ENGINES
  RT   AIRCRAFT ENGINES
       AUTOMOBILE ENGINES
       EXTERNAL COMBUSTION ENGINES
       FUEL INJECTION
       INTERNAL COMBUSTION ENGINES
       PISTONS
       RECIPROCATION
       ROTARY ENGINES
       WANKEL ENGINES

PISTON THEORY
```

1504 2308
RT COMPRESSING
FLUID DYNAMICS
PISTONS
% THEORIES

PISTONS
1504 2801 2805
GS #PISTONS
.MAGNETIC PISTONS
RT COMBUSTION CHAMBERS
ENGINE PARTS
FREE-PISTON ENGINES
INTERNAL COMBUSTION ENGINES
PISTON ENGINES
PISTON THEORY
PLUNGERS
RECIPROCATION

% PITCH
1805 1904 2102 3407
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF TONE
RT FREQUENCIES
PITCH (INCLINATION)
PITCH (MATERIAL)

PITCH (INCLINATION)
0101 3006
UF DAMPING IN PITCH
PHUGOID OSCILLATIONS
PITCH ANGLES
GS ATTITUDE (INCLINATION)
#PITCH (INCLINATION)
RT ANGLES (GEOMETRY)
HEAVING
LONGITUDINAL CONTROL
LONGITUDINAL STABILITY
% MOTION
% PITCH
ROLL
ROTATION
SLOPES
STABILITY AUGMENTATION
VARIABLE PITCH PROPELLERS
YAW

PITCH (MATERIAL)
1503 1504
RT ASPHALT
OILS
% PITCH
TARS

PITCH ANGLES
USE PITCH (INCLINATION)

PITCH ATTITUDE CONTROL
USE LONGITUDINAL CONTROL

PITCHING MOMENTS
0201 2102 2308
GS MOMENTS
.STABILITY DERIVATIVES
.#PITCHING MOMENTS
RT AERODYNAMIC COEFFICIENTS
LONGITUDINAL STABILITY
MOMENTS OF INERTIA
ROLLING MOMENTS
TORQUE
YAWING MOMENTS

PITOT TUBES
0202 1202 1203 1408 3501
UF PRESTON TUBES
RT FLOW MEASUREMENT
FLOWMETERS
PRESSURE MEASUREMENT
PROTUBERANCES
SPEED INDICATORS
STATIC PRESSURE
% TUBES
VELOCITY MEASUREMENT
VENTURI TUBES

% PITS
1305 1704
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT PITS (EXCAVATIONS)
PITTING

PITS (EXCAVATIONS)
1305
RT BOREHOLES
EXCAVATION
MINES (EXCAVATIONS)
% PITS
SUMPS

PITTING
0602 1503
RT CHEMICAL ATTACK
CHIPPING
CORROSION
CORROSION RESISTANCE
CORROSION TESTS
DEGRADATION
EROSION
EROSIVE BURNING
ETCHING
HOT CORROSION
METAL-WATER REACTIONS
% PITS
SCORING

PITUITARY GLAND
0402 0404 0405
UF HYPOPHYSIS
GS ANATOMY
.GLANDS (ANATOMY)
..ENDOCRINE GLANDS
..#PITUITARY GLAND
RT BRAIN
HYPOTHALAMUS

PITUITARY HORMONES
0404
GS SECRETIONS
.ENDOCRINE SECRETIONS
..HORMONES
..#PITUITARY HORMONES
....ADRENOCORTICOTROPIN (ACTH)

PIV (VELOCIMETRY)
USE PARTICLE IMAGE VELOCIMETRY

PIVOTED WING AIRCRAFT
USE TILT WING AIRCRAFT

PIVOTS
0202 1101 1104 1504 3203
UF TROCHOIDS
RT BEARINGS
GIMBALS
HINGES
PINTLES
SHAFTS (MACHINE ELEMENTS)
SUPPORTS
SWIVELS

PIX
USE PLASMA INTERACTION EXPERIMENT

PIXELS
1401 1407 1409 3501
UF PICTURE ELEMENTS
GS IMAGERY
#PIXELS
RT AERIAL PHOTOGRAPHY
ELECTROPHOTOMETRY
IMAGING TECHNIQUES

```
        PHOTOGRAPHS
        PHOTOGRAPHY
        REMOTE SENSING
        SATELLITE IMAGERY
        VIDICONS

PL/1
  0802
  GS    LANGUAGES
        .PROGRAMMING LANGUAGES
        .#PL/1
  RT    COBOL
        COMPILERS
        COMPUTER PROGRAMMING
        FORTRAN
        MACHINE ORIENTED LANGUAGES

PLAGES (FACULAE)
  USE   FACULAE

PLAINS
  1306 3009
  GS    LAND
        #PLAINS
        ..COASTAL PLAINS
        ..FLOOD PLAINS
        ..LLANOS ORIENTALES (COLOMBIA)
        ..PAMPAS
        ..PLAYAS
        ..TUNDRA
  RT    FARMLANDS
        FLATS (LANDFORMS)
        GEOGRAPHY
        GRASSLANDS
        GREAT PLAINS CORRIDOR (NORTH
        AMERICA)
        LANDFORMS
        PLATEAUS
        STEPPES
        TOPOGRAPHY
        WILDERNESS

PLAN POSITION INDICATORS
  0705 1002 2102 2103 2104
  UF    PPI (POSITION INDICATORS)
  GS    DISPLAY DEVICES
        .POSITION INDICATORS
        .#PLAN POSITION INDICATORS
        .RADARSCOPES
        .#PLAN POSITION INDICATORS
        MEASURING INSTRUMENTS
        .INDICATING INSTRUMENTS
        ..POSITION INDICATORS
        ..#PLAN POSITION INDICATORS
        RADAR EQUIPMENT
        .RADARSCOPES
        .#PLAN POSITION INDICATORS

PLANAR STRUCTURES
  0101 1002 1504 2311 3203
  RT    FLAT LAYERS
        FLAT PLATES
        FLAT SURFACES
        FLATNESS
      % STRUCTURES
        SURFACE PROPERTIES

PLANCKS CONSTANT
  2401 2402
  GS    CONSTANTS
        #PLANCKS CONSTANT
  RT    BLACK BODY RADIATION
        DE BROGLIE WAVELENGTHS
        ELECTROMAGNETIC RADIATION
        NUCLEAR MAGNETIC RESONANCE
        PHOTONS
        QUANTUM THEORY
        THERMAL RADIATION
        WENTZEL-KRAMER-BRILLOUIN METHOD

PLANE STRAIN
  1502
  RT    CRACK PROPAGATION
        ELASTIC DEFORMATION
        FRACTURE MECHANICS
        PLANE STRESS
        PLASTIC DEFORMATION
        STRESS INTENSITY FACTORS
        STRESS-STRAIN RELATIONSHIPS

PLANE STRESS
  0408 0704 1505 2311 3203
  GS    STRESSES
        #PLANE STRESS
  RT    LOADS (FORCES)
        PLANE STRAIN
        STRESS CONCENTRATION

PLANE WAVES
  0710 2301 2310
  GS    LONGITUDINAL WAVES
        #PLANE WAVES
  RT    BEAMS (RADIATION)
        CYLINDRICAL WAVES
        ELASTIC WAVES
        NORMAL SHOCK WAVES
      % RADIATION
        SHOCK WAVES
        SOLITARY WAVES
        SOUND WAVES
        SPATIAL FILTERING
        SPHERICAL WAVES
        TRANSVERSE WAVES
        TRAVELING WAVES
      % WAVES

PLANET EPHEMERIDES
  3002 3006
  GS    EPHEMERIDES
        #PLANET EPHEMERIDES
  RT    GEOCENTRIC COORDINATES
        PLANETS

PLANET ORIGINS
  USE   PLANETARY EVOLUTION

PLANETARIUMS
  3001
  RT    ASTRONOMICAL MODELS
        DISPLAY DEVICES

PLANETARY ATMOSPHERES
  2001 2003 3001 3008 3009
  SN    (EXCLUDES EARTH ATMOSPHERE)
  GS    ENVIRONMENTS
        .EXTRATERRESTRIAL ENVIRONMENTS
        ..PLANETARY ENVIRONMENTS
        ..#PLANETARY ATMOSPHERES
        ....HELIUM HYDROGEN ATMOSPHERES
        ....JUPITER ATMOSPHERE
        ....MARS ATMOSPHERE
        ....MERCURY ATMOSPHERE
        ....NEPTUNE ATMOSPHERE
        ....PLANETARY IONOSPHERES
        ....PLUTO ATMOSPHERE
        ....SATURN ATMOSPHERE
        ....URANUS ATMOSPHERE
        ....VENUS ATMOSPHERE
        .....VENUS CLOUDS
  RT  % ABSORPTION
      % ATMOSPHERES
        ATMOSPHERIC ATTENUATION
        ATMOSPHERIC COMPOSITION
        ATMOSPHERIC DENSITY
        ATMOSPHERIC TEMPERATURE
        EARTH ATMOSPHERE
        IONOPAUSE
        LUNAR ATMOSPHERE
        NONGRAY ATMOSPHERES
        ORGANIC SOLIDS
        PLANETARY METEOROLOGY
        PLANETARY RINGS
        PRIMITIVE EARTH ATMOSPHERE
        RADIATIVE TRANSFER
        RADIO OCCULTATION
```

SATELLITE ATMOSPHERES
SATURN RINGS
SOLAR PLANETARY INTERACTIONS
TERRAFORMING

PLANETARY BASES
1105 3007
RT EXTRATERRESTRIAL RESOURCES
SPACE EXPLORATION
STATIONS

PLANETARY BOUNDARY LAYER
1202
GS BOUNDARY LAYERS
#PLANETARY BOUNDARY LAYER
RT ATMOSPHERIC BOUNDARY LAYER

PLANETARY COMPOSITION
1306 3003 3008 3009
GS COMPOSITION (PROPERTY)
#PLANETARY COMPOSITION
RT EARTH PLANETARY STRUCTURE
GAS GIANT PLANETS
JUPITER RINGS
SATURN RINGS
SPACE EXPLORATION
STRUCTURAL PROPERTIES (GEOLOGY)

PLANETARY CORES
2203 3009
GS CORES
#PLANETARY CORES
..EARTH CORE
RT LUNAR CORE
PLANETS
STELLAR CORES

PLANETARY CRATERS
3008 1306
GS CRATERS
#PLANETARY CRATERS
..MARS CRATERS
RT EARTH (PLANET)
IMPACT DAMAGE
MARS (PLANET)
MARS SURFACE
MERCURY (PLANET)
MERCURY SURFACE
METEORITE CRATERS
PLANETARY GEOLOGY
PLANETS
VENUS (PLANET)
VENUS SURFACE

PLANETARY CRUSTS
1306 1310 3008
GS CRUSTS
#PLANETARY CRUSTS
..EARTH CRUST
RT LUNAR CRUST
PLANETARY GEOLOGY
PLANETARY MANTLES

PLANETARY ENTRY
USE ATMOSPHERIC ENTRY

PLANETARY ENVIRONMENTS
1105 1301 1302 2001 3008
SN (EXCLUDES EARTH)
GS ENVIRONMENTS
.EXTRATERRESTRIAL ENVIRONMENTS
.#PLANETARY ENVIRONMENTS
...MARS ENVIRONMENT
....MARS ATMOSPHERE
...PLANETARY ATMOSPHERES
....HELIUM HYDROGEN ATMOSPHERES
....JUPITER ATMOSPHERE
....MARS ATMOSPHERE
....MERCURY ATMOSPHERE
....NEPTUNE ATMOSPHERE
....PLANETARY IONOSPHERES
....PLUTO ATMOSPHERE
....SATURN ATMOSPHERE
....URANUS ATMOSPHERE
....VENUS ATMOSPHERE
.....VENUS CLOUDS
...PLANETARY MAGNETOSPHERES
....PLANETARY MAGNETOTAILS
RT AEROSPACE ENVIRONMENTS
BIOASTRONAUTICS
EXOBIOLOGY
LIFE SUPPORT SYSTEMS
LONG DURATION SPACE FLIGHT
LUNAR ENVIRONMENT
PLANETS
PROTOPLANETS
TERRAFORMING
TERRESTRIAL PLANETS
THERMAL ENVIRONMENTS

PLANETARY EVOLUTION
1306 3001 3003 3008
UF PLANET ORIGINS
GS EVOLUTION (DEVELOPMENT)
#PLANETARY EVOLUTION
RT COSMOLOGY
PLANETARY GEOLOGY
PROTOPLANETS
SOLAR SYSTEM EVOLUTION
STELLAR EVOLUTION

PLANETARY EXPLORATION
USE SPACE EXPLORATION

PLANETARY EXPLORER
USE OUTER PLANETS EXPLORERS

PLANETARY GEOLOGY
1301 1306 3009
GS #PLANETARY GEOLOGY
.MARS VOLCANOES
RT LUNAR GEOLOGY
PLANETARY CRATERS
PLANETARY CRUSTS
PLANETARY EVOLUTION
PLANETARY STRUCTURE
PLANETARY SURFACES
PLANETOLOGY
PLANETS
REMOTE SENSING
SOLAR SYSTEM
SPACE EXPLORATION

PLANETARY GRAVITATION
1105 1309 3002 3008
GS GRAVITATION
#PLANETARY GRAVITATION
RT ESCAPE VELOCITY
LUNAR GRAVITATION

PLANETARY IONOSPHERES
2001 2003 3001 3008 3009
SN (EXCLUDES EARTH IONOSPHERE)
GS ENVIRONMENTS
.EXTRATERRESTRIAL ENVIRONMENTS
..PLANETARY ENVIRONMENTS
...PLANETARY ATMOSPHERES
...#PLANETARY IONOSPHERES
RT % ATMOSPHERES
% IONOSPHERES
JUPITER ATMOSPHERE
MAGNETOSPHERE-IONOSPHERE COUPLING
MARS ATMOSPHERE
NEPTUNE ATMOSPHERE
SATURN ATMOSPHERE
URANUS ATMOSPHERE
VENUS ATMOSPHERE

PLANETARY LANDING
0203 3002 3006 3007 3110 3201
SN (EXCLUDES LANDING ON THE PLANET EARTH)
GS LANDING
.SPACECRAFT LANDING
.#PLANETARY LANDING

```
  RT    CRASH LANDING
        GLIDE LANDINGS
        HARD LANDING
        HORIZONTAL SPACECRAFT LANDING
        INTERPLANETARY FLIGHT
        LUNAR LANDING
        MARS LANDING
        ORBITAL MECHANICS
        ROVING VEHICLES
        SOFT LANDING
        WATER LANDING

PLANETARY LIMB
  0508 3009
  RT    EARTH LIMB
     %  LIMBS
        LUNAR LIMB
        SOLAR LIMB

PLANETARY MAGNETIC FIELDS
  2307 3008
  GS    MAGNETIC FIELDS
        #PLANETARY MAGNETIC FIELDS
  RT    GEOMAGNETIC TAIL
        GEOMAGNETISM
        PLANETARY MAGNETOSPHERES
        PLANETARY MAGNETOTAILS
        POLAR CUSPS
        SOLAR PLANETARY INTERACTIONS

PLANETARY MAGNETOSPHERES
  1105 1301 1302 2001 3008
  SN    (EXCLUDES EARTH MAGNETOSPHERE)
  GS    ENVIRONMENTS
        .EXTRATERRESTRIAL ENVIRONMENTS
        ..PLANETARY ENVIRONMENTS
        ..#PLANETARY MAGNETOSPHERES
        ....PLANETARY MAGNETOTAILS
  RT    EARTH MAGNETOSPHERE
     %  MAGNETOSPHERES
        PLANETARY MAGNETIC FIELDS
        SOLAR PLANETARY INTERACTIONS

PLANETARY MAGNETOTAILS
  2502 3001 3007 3008
  SN    (EXCLUDES EARTH'S MAGNETOTAIL; FOR
        EARTH USE 'GEOMAGNETIC TAIL')
  GS    ENVIRONMENTS
        .EXTRATERRESTRIAL ENVIRONMENTS
        ..PLANETARY ENVIRONMENTS
        ...PLANETARY MAGNETOSPHERES
        ...#PLANETARY MAGNETOTAILS
  RT    EXOSPHERE
        GEOMAGNETIC TAIL
        MAGNETOPAUSE
     %  MAGNETOTAILS
        PLANETARY MAGNETIC FIELDS
        SOLAR PLANETARY INTERACTIONS
        SOLAR WIND

PLANETARY MANTLES
  1304 3008 3009 1306
  GS    #PLANETARY MANTLES
        .EARTH MANTLE
  RT    CRUSTS
        LITHOSPHERE
        LUNAR MANTLE
        PLANETARY CRUSTS

PLANETARY MAPPING
  1303 3001 3008
  GS    MAPPING
        #PLANETARY MAPPING
  RT    ASTROGRAPHY
        HEAT CAPACITY MAPPING MISSION
        THERMAL MAPPING

PLANETARY MASS
  1304 3002
  GS    MASS
        #PLANETARY MASS
  RT    PROTOPLANETS

PLANETARY METEOROLOGY
  2003 3008
  GS    METEOROLOGY
        #PLANETARY METEOROLOGY
  RT    ATMOSPHERIC CIRCULATION
        ATMOSPHERIC PHYSICS
        JUPITER ATMOSPHERE
        MARS ATMOSPHERE
        MERCURY ATMOSPHERE
        PLANETARY ATMOSPHERES
        PLANETOLOGY
        PLANETS
        VENUS ATMOSPHERE

PLANETARY MOTION
  USE   SOLAR ORBITS

PLANETARY NEBULAE
  3001 3002 3008
  GS    CELESTIAL BODIES
        .NEBULAE
        .#PLANETARY NEBULAE
  RT    ORION NEBULA

PLANETARY ORBITS
  1904 3001 3002 3008 3006
  GS    ORBITS
        #PLANETARY ORBITS
  RT    AMOR ASTEROID
        APOLLO ASTEROIDS
        CHARON
        CIRCULAR ORBITS
        EARTH ORBITS
        ELLIPTICAL ORBITS
        EQUATORIAL ORBITS
        INTERPLANETARY TRAJECTORIES
        ORBITAL RESONANCES (CELESTIAL
        MECHANICS)
        PARKING ORBITS
        POLAR ORBITS
        SATELLITE ORBITS
        SPACECRAFT ORBITS
        SWINGBY TECHNIQUE
        TRANSFER ORBITS
        TWENTY-FOUR HOUR ORBITS
        VIKING ORBITER SPACECRAFT

PLANETARY QUAKES
  3007 3008
  RT    EARTHQUAKES
        GEODYNAMICS
        MOONQUAKES
        SEISMIC WAVES
        SHOCK WAVES

PLANETARY QUARANTINE
  0404 0504
  RT    SPACECRAFT STERILIZATION

PLANETARY RADIATION
  2903 3008
  SN    (EXCLUDES TERRESTRIAL RADIATION)
  GS    ELECTROMAGNETIC RADIATION
        #PLANETARY RADIATION
        EXTRATERRESTRIAL RADIATION
        #PLANETARY RADIATION
  RT    ALBEDO
        DECIMETER WAVES
        INFRARED RADIATION
        LIGHT (VISIBLE RADIATION)
     %  RADIATION
        RADIO WAVES
        SATURN ATMOSPHERE
        TERRESTRIAL RADIATION
        THERMAL RADIATION
        VLF EMISSION RECORDERS

PLANETARY RINGS
  3003
  GS    CELESTIAL BODIES
        #PLANETARY RINGS
        ..JUPITER RINGS
```

..SATURN RINGS
..URANUS RINGS
RT MOONLETS
PLANETARY ATMOSPHERES
PLANETS
% RINGS

PLANETARY ROTATION
3001 3008
GS GYRATION
.ROTATION
.#PLANETARY ROTATION
RT ASTROPHYSICS
PLANETOLOGY
ROTATING BODIES
STELLAR ROTATION

PLANETARY SATELLITES
USE NATURAL SATELLITES

PLANETARY SPACE FLIGHT
USE INTERPLANETARY FLIGHT

PLANETARY SPACECRAFT
USE INTERPLANETARY SPACECRAFT

PLANETARY STRUCTURE
3007 3008
RT CHEMICAL COMPOSITION
EARTH PLANETARY STRUCTURE
JUPITER RINGS
LUNAR MANTLE
PLANETARY GEOLOGY
PLANETOLOGY
URANUS RINGS

PLANETARY SURFACES
1303 1304 1305 1401 3006 3007 3008
GS #PLANETARY SURFACES
.MARS SURFACE
.MERCURY SURFACE
.VENUS SURFACE
RT EARTH SURFACE
JUPITER RED SPOT
PLANETARY GEOLOGY
ROVING VEHICLES
SATURN RINGS
SURFACE PROPERTIES
% SURFACES
TOPOGRAPHY

PLANETARY SYSTEMS
3001 3002 3003 3008
GS #PLANETARY SYSTEMS
.SOLAR SYSTEM
RT EXTRASOLAR PLANETS
ORBITAL RESONANCES (CELESTIAL MECHANICS)
SOLAR SYSTEM EVOLUTION
% SYSTEMS

PLANETARY TEMPERATURE
1408 2001 2003 3008
GS TEMPERATURE
#PLANETARY TEMPERATURE
RT ATMOSPHERIC TEMPERATURE
SATURN RINGS

PLANETARY WAVES
1308
UF LONG WAVES (METEOROLOGY)
ROSSBY WAVES
GS BAROTROPISM
#PLANETARY WAVES
INTERNAL WAVES
#PLANETARY WAVES
TROPOSPHERIC WAVES
#PLANETARY WAVES
RT ATMOSPHERIC CIRCULATION
BAROTROPIC FLOW
CORIOLIS EFFECT
FLUID FLOW
GRAVITY WAVES
ROSSBY REGIMES
ROTATING FLUIDS
ROTATING LIQUIDS
VORTICES
% WAVES
ZONAL FLOW (METEOROLOGY)

PLANETESIMALS
USE PROTOPLANETS

PLANETOCENTRIC COORDINATES
1105 1305 1308 1310 1901 3009
GS COORDINATES
#PLANETOCENTRIC COORDINATES
..GEOCENTRIC COORDINATES
RT ASTRONOMICAL COORDINATES
CELESTIAL REFERENCE SYSTEMS
SPHERICAL COORDINATES

PLANETOLOGY
3007 3008
RT JUPITER RINGS
PLANETARY GEOLOGY
PLANETARY METEOROLOGY
PLANETARY ROTATION
PLANETARY STRUCTURE
SATURN RINGS
TERRESTRIAL PLANETS

PLANETS
3008
GS CELESTIAL BODIES
#PLANETS
..EXTRASOLAR PLANETS
..GAS GIANT PLANETS
...JUPITER (PLANET)
...NEPTUNE (PLANET)
...SATURN (PLANET)
...URANUS (PLANET)
..PLUTO (PLANET)
..TERRESTRIAL PLANETS
...EARTH (PLANET)
...MARS (PLANET)
...MERCURY (PLANET)
...VENUS (PLANET)
RT CELESTIAL MECHANICS
CHIRON
ECLIPTIC
JUPITER RED SPOT
NATURAL SATELLITES
PLANET EPHEMERIDES
PLANETARY CORES
PLANETARY CRATERS
PLANETARY ENVIRONMENTS
PLANETARY GEOLOGY
PLANETARY METEOROLOGY
PLANETARY RINGS
PROTOPLANETS
SATURN RINGS
SOLAR SYSTEM
SOLAR SYSTEM EVOLUTION
SUN

PLANFORMS
1401 0102 0104 0201
GS #PLANFORMS
.CARET WINGS
.RECTANGULAR PLANFORMS
..RECTANGULAR PANELS
..RECTANGULAR PLATES
..RECTANGULAR WINGS
.SWEPTBACK TAIL SURFACES
.TRAPEZOIDAL TAIL SURFACES
.WING PLANFORMS
..CHANNEL WINGS
..INFINITE SPAN WINGS
..SWEPT FORWARD WINGS
...TRAPEZOIDAL WINGS
..SWEPTBACK WINGS
...ARROW WINGS
...DELTA WINGS
...TRAPEZOIDAL WINGS

..VARIABLE SWEEP WINGS
RT % BODIES
% CROSS SECTIONS
GEOMETRY
% PROFILES
SHAPES
% SURFACE GEOMETRY

PLANIGRAPHY
USE TOMOGRAPHY

PLANING
1504
SN (EXCLUDES MOTION INVOLVING DYNAMIC SUPPORTING FORCES)
GS CUTTING
#PLANING
RT GRINDING (MATERIAL REMOVAL)
MACHINING
METAL CUTTING
MILLING (MACHINING)
SLICING
SMOOTHING

PLANISPHERES
1308 1902 2103 3009
GS MAPS
.ASTRONOMICAL MAPS
.#PLANISPHERES
RT ASTRONOMICAL COORDINATES
CELESTIAL SPHERE
CONSTELLATIONS
POLAR COORDINATES

PLANKTON
0402 0404 0407 0409
UF PLANKTON BLOOM
GS #PLANKTON
.PHYTOPLANKTON
.ZOOPLANKTON
RT ALGAE
ANIMALS
PLANTS (BOTANY)
RED TIDE
THERMAL POLLUTION

PLANKTON BLOOM
USE PLANKTON

PLANNING
3406
GS #PLANNING
.AIRPORT PLANNING
.MANAGEMENT PLANNING
..PRODUCTION PLANNING
..PROJECT PLANNING
.MISSION PLANNING
.REGIONAL PLANNING
..URBAN PLANNING
.TASK PLANNING (ROBOTICS)
.TRAJECTORY PLANNING
RT BUDGETING
CRITICAL PATH METHOD
DELPHI METHOD (FORECASTING)
% DESIGN
FORECASTING
% MISSIONS
OPTIMIZATION
PATTERN METHOD (FORECASTING)
PROBE METHOD (FORECASTING)
PRODUCTION ENGINEERING
PROFILE METHOD (FORECASTING)
PROGRESS
SEQUENCING
SLICING
STARSITE PROGRAM
TRAINING ANALYSIS
URBAN DEVELOPMENT

PLANOTRONS
2309 2402
UF AMPLITRONS (TRADEMARK)
GS AMPLIFIERS
.MICROWAVE AMPLIFIERS
.#PLANOTRONS
ELECTRON TUBES
.VACUUM TUBES
..MICROWAVE TUBES
..#PLANOTRONS
MICROWAVE EQUIPMENT
.MICROWAVE AMPLIFIERS
.#PLANOTRONS
.MICROWAVE TUBES
.#PLANOTRONS
RT CAMERA TUBES
ELECTRIC ARCS
MAGNETRONS

% PLANS
3406 3409
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT DRAWINGS
FLIGHT PLANS
LAYOUTS
MISSION PLANNING
PAYLOAD INTEGRATION PLAN
URBAN DEVELOPMENT

PLANT DESIGN
3402
SN (EXCLUDES BIOLOGICAL PLANTS)
RT ARCHITECTURE
% DESIGN
STRUCTURAL DESIGN

PLANT DISEASES
0404 0405 0408 0409 0410 0412
UF DISEASED VEGETATION
GS #PLANT DISEASES
.BLIGHT
RT AGRICULTURE
CROP GROWTH
CROP IDENTIFICATION
CROP VIGOR
DISEASES
FUNGI
PLANT STRESS
PLANTS (BOTANY)
RUST FUNGI

PLANT ROOTS
0404 0409
RT BULBS
PLANTS (BOTANY)
% ROOTS
VEGETATION GROWTH

PLANT STRESS
0408
RT AERIAL PHOTOGRAPHY
AGRICULTURE
CROP GROWTH
CROP VIGOR
EARTH RESOURCES PROGRAM
PLANT DISEASES
REMOTE SENSING
SOIL MOISTURE
SPECTRAL REFLECTANCE
VEGETATION GROWTH

PLANTAR TISSUES
0404
GS TISSUES (BIOLOGY)
#PLANTAR TISSUES

PLANTING
0404 0409
RT AGRICULTURE
% CROPS
CULTIVATION
FARM CROPS
FARMLANDS
FERTILIZERS

```
        PLANTS (BOTANY)
        PLOWING
        PLOWS
        SEEDS
        SILVICULTURE
        SOILS
        TRACTORS
        VEGETABLES

PLANTS (BOTANY)
  0404 0409
  UF   FLORA
  GS  #PLANTS (BOTANY)
       .ALFALFA
       .ALGAE
       ..BLUE GREEN ALGAE
       ...ANABAENA
       ...MICROCYSTIS
       ...NOSTOC
       ..CHLORELLA
       ..DUNALIELLA
       ..PORPHYRA
       ..SCENEDESMUS
       .AQUATIC PLANTS
       ..PHYTOPLANKTON
       .BARLEY
       .BRUSH (BOTANY)
       ..CHAPARRAL
       .BRYOPHYTES
       .CORN
       .COTTON
       .FUNGI
       ..ASPERGILLUS
       ..COCCOMYCES
       ..GIBBERELLINS
       ..NEUROSPORA
       ..RHIZOPUS
       ..RUST FUNGI
       ..SACCHAROMYCES
       ..YEAST
       .GRASSES
       ..HAY
       ..REEDS (PLANTS)
       ..SEA GRASSES
       ..SORGHUM
       .GUAYULE
       .LEGUMINOUS PLANTS
       ..SOYBEANS
       .LICHENS
       .MILLET
       .NIGELLA
       .OATS
       .PHOTOPHILIC PLANTS
       .PHREATOPHYTES
       .POTATOES
       .RICE
       .SAPROPHYTES
       .SPINACH
       .SUGAR BEETS
       .SUGAR CANE
       .SUNFLOWERS
       .THERMOPHILIC PLANTS
       ..BLUE GREEN ALGAE
       ...NOSTOC
       .TOBACCO
       .TRADESCANTIA
       .TRAGACANTH
       .TREES (PLANTS)
       ..CITRUS TREES
       ..CONIFERS
       ..DECIDUOUS TREES
  RT   AGRICULTURE
       ANGIOSPERMS
       ANIMALS
       BIOCHEMICAL OXYGEN DEMAND
       BIOGEOCHEMISTRY
       BIOMASS
       BLIGHT
       BOTANY
       CANOPIES (VEGETATION)
       CARBON CYCLE
       CHLOROPHYLLS
       CORTEXES (BOTANY)
       CROP GROWTH
       CROP VIGOR
       DEFOLIANTS
       DEFOLIATION
       EARTH RESOURCES
       ENVIRONMENTS
       FARM CROPS
       FOLIAGE
       FOOD CHAIN
       FORESTS
       FROST DAMAGE
       GEOBOTANY
       GEOTROPISM
       GRAVITROPISM
       GREENHOUSES
       HALOPHILES
       HERBICIDES
       HETEROTROPHS
       HYDROPONICS
       INFESTATION
       LACUNAS
       LEAVES
       MICROORGANISMS
       MICROSPORES
       MITRA
       ORCHARDS
       ORGANISMS
       PETALS
       PHOTOTROPISM
       PHYTOTRONS
       PLANKTON
       PLANT DISEASES
       PLANT ROOTS
       PLANTING
       PLOWING
       POLLEN
       RAIN FORESTS
       SEEDS
       SPORES
       STEMS
       UTRICLE
       VEGETATION
       VIABILITY
       VINEYARDS
       WOOD

PLANTS (INDUSTRIES)
  USE  INDUSTRIAL PLANTS

PLASMA ACCELERATION
  2502 3009
  UF   MAGNETOHYDRODYNAMIC ACCELERATION
  GS   RATES (PER TIME)
       .ACCELERATION (PHYSICS)
       .#PLASMA ACCELERATION
  RT % ACCELERATION
       PARTICLE ACCELERATION
       PLASMAS (PHYSICS)
       WAVE PROPAGATION
       WAVE-PARTICLE INTERACTIONS

PLASMA ACCELERATORS
  0905 2501 2502
  GS  #PLASMA ACCELERATORS
       .ALPHA PLASMA DEVICES
       .COAXIAL PLASMA ACCELERATORS
       .CYCLOPS PLASMA ACCELERATOR
  RT % ACCELERATORS
       ELECTROMAGNETIC ACCELERATION
       ION INJECTION
       MAGNETIC ANNULAR ARC
       MAGNETOHYDRODYNAMIC GENERATORS
       PLASMAS (PHYSICS)

PLASMA ANTENNAS
  0701
  GS   ANTENNAS
       #PLASMA ANTENNAS
  RT   ANTENNA DESIGN
       ANTENNA RADIATION PATTERNS
       PLASMA CYLINDERS
       SATELLITE COMMUNICATION
```

SPACECRAFT COMMUNICATION

PLASMA ARC CUTTING
1507
RT METAL CUTTING
METAL WORKING
PLASMA ARC WELDING
PLASMA TORCHES
PLASMAS (PHYSICS)

PLASMA ARC SPRAYING
USE ARC SPRAYING

PLASMA ARC WELDING
1507 1704 2501
GS WELDING
.FUSION WELDING
..ELECTRIC WELDING
...ARC WELDING
...#PLASMA ARC WELDING
RT PLASMA ARC CUTTING
PLASMA TORCHES
PLASMAS (PHYSICS)

PLASMA ARCS
USE PLASMA JETS

PLASMA BUBBLES
1302
RT F REGION
PLASMA DENSITY

PLASMA CHEMISTRY
0604 2502
RT % CHEMISTRY
NUCLEAR CHEMISTRY
PLASMAS (PHYSICS)

PLASMA CLOUDS
2502 2902
GS PARTICLES
.CHARGED PARTICLES
.#PLASMA CLOUDS
...MAGNETIC CLOUDS
RT CHEMICAL CLOUDS
% CLOUDS
COSMIC PLASMA
EARTH MAGNETOSPHERE
GEOMAGNETIC HOLLOW
HYDROGEN CLOUDS
INTERPLANETARY MEDIUM
ION SHEATHS
PLASMAPAUSE
PLASMAS (PHYSICS)

PLASMA COMPOSITION
2402 2502
GS COMPOSITION (PROPERTY)
#PLASMA COMPOSITION
RT ATOM CONCENTRATION
GAS COMPOSITION
ION MOTION
IONOSPHERIC COMPOSITION
NONEQUILIBRIUM PLASMAS
NONUNIFORM PLASMAS
PLASMAS (PHYSICS)
THOMAS-FERMI MODEL
URANIUM PLASMAS

PLASMA COMPRESSION
2501
GS COMPRESSING
#PLASMA COMPRESSION
RT CONTROLLED FUSION
DENSE PLASMAS
INERTIAL FUSION (REACTOR)
MAGNETIC EFFECTS
MAGNETIC FIELD CONFIGURATIONS
PINCH EFFECT
PLASMA FOCUS
PLASMA PRESSURE
PLASMAS (PHYSICS)
STRONGLY COUPLED PLASMAS
THETA PINCH
TOKAMAK DEVICES
ZETA PINCH

PLASMA CONDUCTIVITY
1002 2302 2402 2502
GS ELECTRICAL PROPERTIES
.ELECTRICAL RESISTIVITY
.#PLASMA CONDUCTIVITY
TRANSPORT PROPERTIES
.ELECTRICAL RESISTIVITY
.#PLASMA CONDUCTIVITY
RT COLLISIONAL PLASMAS
% CONDUCTIVITY
IONOSPHERIC CONDUCTIVITY
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)
STRONGLY COUPLED PLASMAS

PLASMA CONFINEMENT
USE PLASMA CONTROL

PLASMA CONTROL
2502
UF PLASMA CONFINEMENT
RT BALLOONING MODES
BETA FACTOR
BUMPY TORUSES
CONFINEMENT
% CONTROL
CROSSED FIELD GUNS
CROSSED FIELDS
ELECTRON-ION RECOMBINATION
ELLIPTICAL PLASMAS
HELICAL INDUCERS
HELICAL WINDINGS
HELIOTRONS
LIMITERS (FUSION REACTORS)
MAGNETIC ANNULAR ARC
MAGNETIC COMPRESSION
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC MIRRORS
MAGNETICALLY TRAPPED PARTICLES
MIRROR FUSION
PINCH EFFECT
PLASMAS (PHYSICS)
REVERSE FIELD PINCH
RIGID ROTORS (PLASMA PHYSICS)
SCREW PINCH
SPHEROMAKS
STELLARATORS
TANDEM MIRRORS
THERMAL BARRIERS (PLASMA CONTROL)
TOKAMAK DEVICES
TOROIDAL PLASMAS
TRANSFORMERS
TRAP PROGRAM
TRAPPED MAGNETIC FIELDS
ZETA PINCH

PLASMA COOLING
2502
GS COOLING
#PLASMA COOLING
RT CONTROLLED FUSION
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)
TEMPERATURE CONTROL

PLASMA CORE REACTORS
2203
GS NUCLEAR REACTORS
#PLASMA CORE REACTORS
RT CRITICAL MASS
NUCLEAR POWER PLANTS
NUCLEAR RESEARCH
PLASMAS (PHYSICS)
RADIOACTIVE WASTES
REACTOR CORES
% REACTORS
REFLECTORS
WASTE DISPOSAL

```
PLASMA CURRENTS
  2502
  GS    ELECTRIC CURRENT
        #PLASMA CURRENTS
  RT    BEAM CURRENTS
        CONTROLLED FUSION
        EDDY CURRENTS
        ELECTRIC DISCHARGES
        ELECTRICAL RESISTIVITY
        FIELD ALIGNED CURRENTS
        HIGH CURRENT
        IONOSPHERIC CURRENTS
        LINE CURRENT
        LOW CURRENTS
        MAGNETOHYDRODYNAMICS
        PLASMA-PARTICLE INTERACTIONS
        PLASMAS (PHYSICS)
        RING CURRENTS
        SPHEROMAKS
        TOROIDAL PLASMAS

PLASMA CYLINDERS
  0710 2402 2502
  GS   #PLASMA CYLINDERS
       .CYLINDRICAL PLASMAS
  RT % CYLINDERS
       CYLINDRICAL BODIES
       CYLINDRICAL SHELLS
       PLASMA ANTENNAS
       PLASMAGUIDES
       PLASMAS (PHYSICS)

PLASMA DECAY
  2307 2502
  GS   DECAY
       #PLASMA DECAY
  RT   AFTERGLOWS
       ELECTROMAGNETIC WAVE TRANSMISSION
       HELIUM AFTERGLOW
       MAGNETOHYDRODYNAMIC STABILITY
       PLASMAS (PHYSICS)

PLASMA DENSITY
  2502
  GS   DENSITY (NUMBER/VOLUME)
       .PARTICLE DENSITY (CONCENTRATION)
       .#PLASMA DENSITY
  RT   ATMOSPHERIC DENSITY
       ATOM CONCENTRATION
       CAVITONS
       COLLISIONAL PLASMAS
       ELECTRON DENSITY (CONCENTRATION)
       ELECTRON-HOLE DROPS
       ION DENSITY (CONCENTRATION)
       MAGNETOPLASMADYNAMICS
       MAGNETOSPHERIC ELECTRON DENSITY
       MAGNETOSPHERIC ION DENSITY
       MAGNETOSPHERIC PROTON DENSITY
       PLASMA BUBBLES
       PLASMA DRIFT
       PLASMA PRESSURE
       PLASMAS (PHYSICS)
       PROTON DENSITY (CONCENTRATION)
       SPACE DENSITY
       SPACE PLASMAS
       STRONGLY COUPLED PLASMAS

PLASMA DIAGNOSTICS
  2502
  RT   FABRY-PEROT INTERFEROMETERS
       MICROWAVE INTERFEROMETERS
       OPEN PROJECT
       PLASMAS (PHYSICS)
       RESONANCE PROBES
       SPACE PLASMAS

PLASMA DIFFUSION
  2403 2502
  UF   PLASMA DISPERSION
  GS   DIFFUSION
       #PLASMA DIFFUSION
  RT   AMBIPOLAR DIFFUSION
       COLLOIDAL GENERATORS
       DIFFUSION WAVES
       ELECTRON DIFFUSION
       GASEOUS SELF-DIFFUSION
       ION MOTION
       IONIC DIFFUSION
       PLASMAS (PHYSICS)

PLASMA DIODES
  0905 1002
  GS   ELECTRONIC EQUIPMENT
       .DIODES
       .#PLASMA DIODES
  RT   CESIUM DIODES
       PLASMAS (PHYSICS)

PLASMA DISCHARGES
  USE  PLASMA JETS

PLASMA DISPERSION
  USE  PLASMA DIFFUSION

PLASMA DISPLAY DEVICES
  1406
  GS   DISPLAY DEVICES
       #PLASMA DISPLAY DEVICES
  RT % DEVICES
       GAS IONIZATION
       GLOW DISCHARGES
       LIGHT SOURCES
       PLASMAS (PHYSICS)

PLASMA DRIFT
  2502
  RT   MAGNETOHYDRODYNAMIC STABILITY
       PLASMA DENSITY
       PLASMA WAVES
       PLASMAS (PHYSICS)

PLASMA DYNAMICS
  0710 2402 2502
  UF   SNOWPLOW EFFECT
  RT % DYNAMICS
       HYDRODYNAMIC EQUATIONS
       MAGNETOHYDRODYNAMICS
       PLASMAS (PHYSICS)

PLASMA ELECTRODES
  1002 2501 2502
  GS   ELECTRODES
       #PLASMA ELECTRODES
  RT   HOT-WIRE FLOWMETERS
       PLASMAGUIDES
       PLASMATRONS
       ZETA PINCH

PLASMA ENGINES
  1504 2501
  GS   PLASMA POWER SOURCES
       #PLASMA ENGINES
       ..TWO STAGE PLASMA ENGINES
  RT   ARC JET ENGINES
       COAXIAL PLASMA ACCELERATORS
       HIGH TEMPERATURE PROPELLANTS
       ION ENGINES
       MERCURY ION ENGINES
       PLASMAS (PHYSICS)
       PULSED JET ENGINES
       RESISTOJET ENGINES
       RIT ENGINES

PLASMA EQUILIBRIUM
  2502
  RT   BALLOONING MODES
       BETA FACTOR
       CONFINEMENT
       ELECTRON-HOLE DROPS
     % EQUILIBRIUM
       EQUILIBRIUM FLOW
       MAGNETIC MIRRORS
       MAGNETOHYDRODYNAMIC STABILITY
       PLASMAS (PHYSICS)
```

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       STRONGLY COUPLED PLASMAS

PLASMA ETCHING
  0604
  RT   PLASMAS (PHYSICS)
       SPUTTERING

PLASMA FLOW
  USE  MAGNETOHYDRODYNAMIC FLOW

PLASMA FLUX MEASUREMENT
  0710 2502
  RT   INTERFEROMETRY
       MAGNETOHYDRODYNAMIC FLOW
       MICROWAVE PLASMA PROBES
       PLASMAS (PHYSICS)
       ROTATING PLASMAS
       SPECKLE INTERFEROMETRY

PLASMA FOCUS
  2402
  GS   FOCI
       #PLASMA FOCUS
       PARTICLES
       .CHARGED PARTICLES
       ..ENERGETIC PARTICLES
       ...PLASMAS (PHYSICS)
       ....DENSE PLASMAS
       ....#PLASMA FOCUS
  RT   NUCLEAR FUSION
       PLASMA COMPRESSION
       STRONGLY COUPLED PLASMAS
       ZETA PINCH

PLASMA FREQUENCIES
  1002 2403 2502
  GS   FREQUENCIES
       #PLASMA FREQUENCIES
  RT   ELECTRON DENSITY (CONCENTRATION)
       ELECTROSTATIC PROBES
       FREE ELECTRONS
       PLASMAS (PHYSICS)
       PLASMONS

PLASMA GENERATION
  USE  PLASMA GENERATORS

PLASMA GENERATORS
  1002 1203 1504 2501 2502 2702
  SN   (EXCLUDES MAGNETOHYDRODYNAMIC OR
       THERMONUCLEAR GENERATORS OF
       ELECTRIC POWER)
  UF   PLASMA GENERATION
  GS  #PLASMA GENERATORS
       .PLASMA GUNS
       .PLASMATRONS
       ..DUOPLASMATRONS
       .SCYLLA
       .TOKAMAK DEVICES
       ..JOINT EUROPEAN TORUS
  RT   ARC CHAMBERS
       ARC GENERATORS
       CLOSED CYCLES
       COLLOIDAL GENERATORS
       ELECTRIC ARCS
       EXPLODING WIRES
     % GENERATORS
       HALL GENERATORS
       HIGH TEMPERATURE RESEARCH
       ION INJECTION
       ION SOURCES
       MAGNETOHYDRODYNAMIC GENERATORS
       PENNING DISCHARGE
       PLASMAS (PHYSICS)
       PULSE GENERATORS
       THERMAL PLASMAS
       THERMONUCLEAR POWER GENERATION
       WIND TUNNEL DRIVES

PLASMA GUNS
  1002 1203 2501 2702
  GS   PLASMA GENERATORS
       #PLASMA GUNS
  RT   COAXIAL PLASMA ACCELERATORS
       CROSSED FIELD GUNS
       ELECTRON GUNS
     % GUNS
       MAGNETIC LENSES
       PLASMAS (PHYSICS)
       PLASMATRONS

PLASMA HEATING
  2502
  GS   HEATING
       #PLASMA HEATING
       ..ELECTRON CYCLOTRON HEATING
  RT   ARC HEATING
       BEAM INJECTION
       BETA FACTOR
       BUMPY TORUSES
       ENERGY TRANSFER
       GAS HEATING
       INDUCTION HEATING
       IONOSPHERIC HEATING
       KINETIC HEATING
       MAGNETIC PUMPING
       MAGNETOHYDRODYNAMIC SHEAR HEATING
       PLASMA TEMPERATURE
       PLASMAS (PHYSICS)
       RADIO FREQUENCY HEATING
       RELATIVISTIC ELECTRON BEAMS
       SHOCK HEATING

PLASMA INSTABILITY
  USE  MAGNETOHYDRODYNAMIC STABILITY

PLASMA INTERACTION EXPERIMENT
  1203
  UF   PIX
  GS   PAYLOADS
       .SPACE SHUTTLE PAYLOADS
       .#PLASMA INTERACTION EXPERIMENT
       SPACEBORNE EXPERIMENTS
       #PLASMA INTERACTION EXPERIMENT
  RT % INTERACTIONS
       LANDSAT 3
       PLASMAS (PHYSICS)
       SPACE DENSITY
       SPHINX

PLASMA INTERACTIONS
  0710 2402 2502
  GS  #PLASMA INTERACTIONS
       .PLASMA-ELECTROMAGNETIC INTERACTION
       ..LASER PLASMA INTERACTIONS
       .PLASMA-PARTICLE INTERACTIONS
  RT % INTERACTIONS
       PLASMAS (PHYSICS)
       SOLAR PLANETARY INTERACTIONS
       SPACE PLASMAS
       WAVE INTERACTION
       WAVE-PARTICLE INTERACTIONS
       WEIBEL INSTABILITY

PLASMA JET SYNTHESIS
  2501 2502
  RT   CHEMICAL REACTIONS
       PLASMAS (PHYSICS)
     % SYNTHESIS

PLASMA JET WIND TUNNELS
  1110
  UF   HYDRODYNAMIC TUNNELS
  GS   TEST FACILITIES
       .WIND TUNNELS
       ..HYPERSONIC WIND TUNNELS
       ..#PLASMA JET WIND TUNNELS
       ..HYPERVELOCITY WIND TUNNELS
       ..#PLASMA JET WIND TUNNELS
  RT   PLASMAS (PHYSICS)

PLASMA JETS
  2502 3009
  UF   PLASMA ARCS
       PLASMA DISCHARGES
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  GS   PARTICLES
       .CHARGED PARTICLES
       .#PLASMA JETS
       ...RADIO JETS (ASTRONOMY)
  RT % ARCS
       CROSSED FIELD GUNS
       DROP TRANSFER
       ELECTRON BEAMS
       ELECTRON BOMBARDMENT
       FLUID JETS
       ION INJECTION
     % JETS
       LOW DENSITY WIND TUNNELS
       MAGNETIC LENSES
       PLASMA TORCHES
       PLASMAS (PHYSICS)
       PLASMATRONS
       PULSE DIFFRACTION
       RELATIVISTIC ELECTRON BEAMS
       RELATIVISTIC PLASMAS
       TOROIDAL DISCHARGE
       VAPOR JETS

PLASMA LAYERS
  2502
  GS   PARTICLES
       .CHARGED PARTICLES
       .#PLASMA LAYERS
       ...PLASMA SHEATHS
  RT   ATMOSPHERIC STRATIFICATION
     % LAYERS
       PLASMAS (PHYSICS)
       SPACE PLASMAS
     % TRANSITION LAYERS

PLASMA LIFETIME
  2501 2502
  GS   LIFE (DURABILITY)
       #PLASMA LIFETIME
  RT   MAGNETOHYDRODYNAMIC STABILITY
       PLASMAS (PHYSICS)

PLASMA LOSS
  2501 2502
  RT   LIMITERS (FUSION REACTORS)
       LOSSES
       MAGNETOHYDRODYNAMIC STABILITY
       PLASMAS (PHYSICS)

PLASMA OSCILLATIONS
  0710 1002 2402 2502
  UF   ION OSCILLATION
       PLASMA PERTURBATION
  GS   OSCILLATIONS
       #PLASMA OSCILLATIONS
  RT   ELECTRON OSCILLATIONS
       ION ACOUSTIC WAVES
       NONUNIFORM PLASMAS
       PLASMAPAUSE
       PLASMAS (PHYSICS)
       PLASMONS

PLASMA PERTURBATION
  USE  PLASMA OSCILLATIONS

PLASMA PHYSICS
  2307 2402 2501 2502
  UF   PLASMA THEORY
  GS   RIGID ROTORS (PLASMA PHYSICS)
       #PLASMA PHYSICS
  RT   ALPHA PLASMA DEVICES
       BBGKY HIERARCHY
       BETA FACTOR
       BOUNDARY LAYER PLASMAS
       CAVITONS
       CONTROLLED FUSION
       ELECTRON RUNAWAY (PLASMA PHYSICS)
       GRAND UNIFIED THEORY
       HALL ACCELERATORS
       INSTANTONS
       LARMOR RADIUS
       LIOUVILLE EQUATIONS
       MAGNETIC FIELD CONFIGURATIONS
       MAGNETOHYDRODYNAMICS
       MAGNETOHYDROSTATICS
       NEGATIVE IONS
       NEUTRAL SHEETS
       OPEN PROJECT
     % PHYSICS
       PLASMAPAUSE
       PLASMAS (PHYSICS)
       RADIATION TRAPPING
     % SCIENCE
       SEMICONDUCTOR PLASMAS
       SPACE PLASMAS
       THEORETICAL PHYSICS
       THERMODYNAMICS
       TOKAMAK DEVICES
       UNIFIED FIELD THEORY
       URANIUM PLASMAS

PLASMA PINCH
  2402 2502
  GS   PINCH EFFECT
       #PLASMA PINCH
       ..SCREW PINCH
       ..THETA PINCH
       ..ZETA PINCH
  RT   MAGNETOHYDRODYNAMIC STABILITY
       PLASMAS (PHYSICS)
       Q DEVICES

PLASMA POTENTIALS
  1203 2502
  GS   POTENTIAL ENERGY
       #PLASMA POTENTIALS
  RT   DEBYE-HUCKEL THEORY
       MAGNETOHYDRODYNAMIC STABILITY
       NONEQUILIBRIUM PLASMAS
       PLASMAS (PHYSICS)
     % POTENTIAL

PLASMA POWER SOURCES
  1002 1203 2402 2501
  GS  #PLASMA POWER SOURCES
       .PLASMA ENGINES
       ..TWO STAGE PLASMA ENGINES
  RT   ELECTRIC PROPULSION
     % ENERGY SOURCES
       PLASMAS (PHYSICS)
     % POWER SUPPLIES
       THERMIONIC CONVERTERS

PLASMA PRESSURE
  2501 2502
  GS   PRESSURE
       #PLASMA PRESSURE
  RT   PLASMA COMPRESSION
       PLASMA DENSITY
       PLASMAS (PHYSICS)

PLASMA PROBES
  2402 2502
  GS   MEASURING INSTRUMENTS
       #PLASMA PROBES
       ..ELECTROSTATIC PROBES
  RT   ION SHEATHS
       PLASMAGUIDES
       PLASMAS (PHYSICS)
       RADIO FREQUENCY IMPEDANCE PROBES

PLASMA PROPULSION
  1203 2307 2501
  GS   PROPULSION
       .ELECTRIC PROPULSION
       .#PLASMA PROPULSION
       .LOW THRUST PROPULSION
       .#PLASMA PROPULSION
       .SPACECRAFT PROPULSION
       .#PLASMA PROPULSION
  RT   DUOPLASMATRONS
       ELECTROMAGNETIC PROPULSION
       ELECTROSTATIC PROPULSION
       GASEOUS FISSION REACTORS
       ION PROPULSION
```

MAGNETIC ANNULAR ARC
MAGNETOHYDRODYNAMICS
MAGNETOPLASMADYNAMICS
NUCLEAR ELECTRIC PROPULSION
PLASMAS (PHYSICS)
PLASMATRONS

PLASMA PUMPING
1501
RT GAS INJECTION
MOLECULAR PUMPS
PLASMAS (PHYSICS)
% PUMPING

PLASMA RADIATION
2402 2502
RT ELECTRON RADIATION
FLUORESCENCE
GLOW DISCHARGES
ION CYCLOTRON RADIATION
LASER INDUCED FLUORESCENCE
LUMINESCENCE
NONEQUILIBRIUM PLASMAS
OPTICAL RESONANCE
PHOSPHORESCENCE
PLASMAS (PHYSICS)
POLARIZED RADIATION
% RADIATION
RELATIVISTIC PLASMAS

PLASMA RENIN ACTIVITY
USE IMMUNOASSAY

PLASMA RESONANCE
2307 2502
GS RESONANCE
#PLASMA RESONANCE
RT CAVITONS
CYCLOTRON RESONANCE
ELECTROMAGNETIC INTERACTIONS
PLASMAS (PHYSICS)
RESONANCE LINES
RESONANCE PROBES

PLASMA RINGS
USE TOROIDAL PLASMAS

PLASMA SHEATHS
0205 0705 1203 2307 2402 2502
GS PARTICLES
.CHARGED PARTICLES
..PLASMA LAYERS
..#PLASMA SHEATHS
SHEATHS
#PLASMA SHEATHS
RT BLACKOUT (PROPAGATION)
BOUNDARY LAYER PLASMAS
ION SHEATHS
MAGNETOHYDRODYNAMIC SHEAR HEATING
MAGNETOSHEATH
METALLIC PLASMAS
MISSILES
NONEQUILIBRIUM PLASMAS
PLASMAS (PHYSICS)
REENTRY COMMUNICATION
REENTRY EFFECTS
REENTRY PHYSICS
SYSTEM GENERATED ELECTROMAGNETIC PULSES
UNCONTROLLED REENTRY (SPACECRAFT)

PLASMA SLABS
2502
GS PARTICLES
.CHARGED PARTICLES
.#PLASMA SLABS
RT MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)

PLASMA SOUND WAVES
USE MAGNETOHYDRODYNAMIC WAVES
PLASMA WAVES

PLASMA SPECTRA
1411 2502
GS SPECTRA
#PLASMA SPECTRA
RT EMISSION SPECTRA
ENERGY SPECTRA
OPTICAL RESONANCE
PLASMAS (PHYSICS)
RADIATION SPECTRA

PLASMA SPRAYING
1801 1802 2501
GS SPRAYING
#PLASMA SPRAYING
RT COATING
COATINGS
FLAME SPRAYING
METAL MATRIX COMPOSITES
PLASMAS (PHYSICS)
SPRAYED COATINGS

PLASMA STABILITY
USE MAGNETOHYDRODYNAMIC STABILITY

PLASMA TEMPERATURE
1408 2502
GS TEMPERATURE
#PLASMA TEMPERATURE
RT ION TEMPERATURE
MAGNETOHYDRODYNAMIC STABILITY
PLASMA HEATING
PLASMAS (PHYSICS)
THERMAL PLASMAS

PLASMA THEORY
USE PLASMA PHYSICS

PLASMA TORCHES
1507
RT PLASMA ARC CUTTING
PLASMA ARC WELDING
PLASMA JETS
PLASMAS (PHYSICS)

PLASMA TURBULENCE
1203 2502 3304
GS TURBULENCE
.MAGNETOHYDRODYNAMIC TURBULENCE
.#PLASMA TURBULENCE
RT MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMIC STABILITY
PLASMAS (PHYSICS)

PLASMA WAVES
0705 0710 1002 2402 2403 2502
UF PLASMA SOUND WAVES
GS ELASTIC WAVES
.MAGNETOHYDRODYNAMIC WAVES
.#PLASMA WAVES
...ELECTROSTATIC WAVES
RT COLLISIONAL PLASMAS
DIFFUSION WAVES
ELECTROACOUSTIC WAVES
ELECTRON PLASMA
ION ACOUSTIC WAVES
ION CYCLOTRON RADIATION
IONIC WAVES
LANDAU DAMPING
MAGNETOACOUSTIC WAVES
MAGNETOELASTIC WAVES
NONUNIFORM PLASMAS
PLASMA DRIFT
PLASMAS (PHYSICS)
SHOCK WAVES
SPACE PLASMAS
WAVE PACKETS
WAVE-PARTICLE INTERACTIONS

PLASMA-ELECTROMAGNETIC INTERACTION
2403 2502
GS ELECTROMAGNETIC INTERACTIONS
#PLASMA-ELECTROMAGNETIC INTERACTION

..LASER PLASMA INTERACTIONS
PLASMA INTERACTIONS
#PLASMA-ELECTROMAGNETIC INTERACTION
..LASER PLASMA INTERACTIONS
RT ELECTROMAGNETIC COUPLING
% INTERACTIONS
PLASMAS (PHYSICS)
SPACE PLASMAS
WAVE-PARTICLE INTERACTIONS

PLASMA-PARTICLE INTERACTIONS
2403 2502
GS PARTICLE INTERACTIONS
#PLASMA-PARTICLE INTERACTIONS
PLASMA INTERACTIONS
#PLASMA-PARTICLE INTERACTIONS
RT BEAM INJECTION
BEAM PLASMA AMPLIFIERS
CHARGE EXCHANGE
ELECTRON PHONON INTERACTIONS
ELECTRON PLASMA
% INTERACTIONS
PARTICLE THEORY
PLASMA CURRENTS
PLASMAS (PHYSICS)
RELATIVISTIC ELECTRON BEAMS
RELATIVISTIC PLASMAS
SPHINX
WAVE-PARTICLE INTERACTIONS

PLASMADYNAMIC LASERS
1601
GS STIMULATED EMISSION DEVICES
.LASERS
.#PLASMADYNAMIC LASERS
RT COHERENT LIGHT
GASDYNAMIC LASERS
LASER APPLICATIONS
PLASMAS (PHYSICS)

PLASMAGUIDES
0710 2402 2502
GS WAVEGUIDES
#PLASMAGUIDES
RT BEAM WAVEGUIDES
EARTH-IONOSPHERE WAVEGUIDE
ELECTROMAGNETIC WAVE TRANSMISSION
MICROWAVE PLASMA PROBES
PLASMA CYLINDERS
PLASMA ELECTRODES
PLASMA PROBES
PLASMAS (PHYSICS)
WAVE PROPAGATION

PLASMAPAUSE
3001 1302 3003 3009 1307
SN (LIMITED TO EARTH'S ATMOSPHERE)
RT COSMIC PLASMA
EARTH MAGNETOSPHERE
IONOPAUSE
PLASMA CLOUDS
PLASMA OSCILLATIONS
PLASMA PHYSICS
PLASMAS (PHYSICS)
SOLAR WIND

PLASMAS (PHYSICS)
2501 2502 3009
SN (LIMITED TO COMPLETELY IONIZED MATTER; FOR PARTIALLY IONIZED GASES SEE IONIZED GASES)
UF ELECTROSTATIC PLASMA
IONIZED PLASMAS
MAGNETOIONIC PLASMA
MAGNETOPLASMAS
PLASMOIDS
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
..#PLASMAS (PHYSICS)
....ARGON PLASMA
....BETA PARTICLES
....BOUNDARY LAYER PLASMAS
....COLD PLASMAS
....COLLISIONAL PLASMAS
.....STRONGLY COUPLED PLASMAS
....COLLISIONLESS PLASMAS
....COSMIC PLASMA
....CYLINDRICAL PLASMAS
....DENSE PLASMAS
.....PLASMA FOCUS
.....STRONGLY COUPLED PLASMAS
....ELECTRON PLASMA
....ELECTRON-POSITRON PLASMAS
....ELLIPTICAL PLASMAS
....HELIUM PLASMA
....HIGH TEMPERATURE PLASMAS
....HYDROGEN PLASMA
.....DEUTERIUM PLASMA
....LASER PLASMAS
....METALLIC PLASMAS
.....CESIUM PLASMA
....MICROPLASMAS
....NITROGEN PLASMA
....NONEQUILIBRIUM PLASMAS
....NONUNIFORM PLASMAS
....OXYGEN PLASMA
....RAREFIED PLASMAS
....RELATIVISTIC PLASMAS
....ROTATING PLASMAS
....SEMICONDUCTOR PLASMAS
....SPACE PLASMAS
.....SOLAR WIND
.....STELLAR WINDS
....SPHERICAL PLASMAS
....THERMAL PLASMAS
....TOROIDAL PLASMAS
RT ALPHA PLASMA DEVICES
BEAM PLASMA AMPLIFIERS
BLACKOUT (PROPAGATION)
CHEMICAL ELEMENTS
COMBUSTION PHYSICS
CORE FLOW
CYCLOPS PLASMA ACCELERATOR
DEBYE LENGTH
DEUTERON IRRADIATION
DEUTERONS
DUOPLASMATRONS
ELECTRIC ARCS
ELECTRON ENERGY
GASES
HIGH TEMPERATURE FLUIDS
IONIZED GASES
IONS
KELVIN-HELMHOLTZ INSTABILITY
LANDAU FACTOR
LASER FUSION
LASER PLASMA INTERACTIONS
LIGHT IONS
LIOUVILLE EQUATIONS
LOW DENSITY RESEARCH
MAGNETIC COMPRESSION
MAGNETOHYDRODYNAMIC FLOW
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMICS
MAGNETOIONICS
MICROWAVE PLASMA PROBES
NEUTRAL GASES
ONSAGER PHENOMENOLOGICAL COEFFICIENT
% PHYSICS
PLASMA ACCELERATION
PLASMA ACCELERATORS
PLASMA ARC CUTTING
PLASMA ARC WELDING
PLASMA CHEMISTRY
PLASMA CLOUDS
PLASMA COMPOSITION
PLASMA COMPRESSION
PLASMA CONDUCTIVITY
PLASMA CONTROL
PLASMA COOLING
PLASMA CORE REACTORS
PLASMA CURRENTS
PLASMA CYLINDERS

PLASMA DECAY
PLASMA DENSITY
PLASMA DIAGNOSTICS
PLASMA DIFFUSION
PLASMA DIODES
PLASMA DISPLAY DEVICES
PLASMA DRIFT
PLASMA DYNAMICS
PLASMA ENGINES
PLASMA EQUILIBRIUM
PLASMA ETCHING
PLASMA FLUX MEASUREMENT
PLASMA FREQUENCIES
PLASMA GENERATORS
PLASMA GUNS
PLASMA HEATING
PLASMA INTERACTION EXPERIMENT
PLASMA INTERACTIONS
PLASMA JET SYNTHESIS
PLASMA JET WIND TUNNELS
PLASMA JETS
PLASMA LAYERS
PLASMA LIFETIME
PLASMA LOSS
PLASMA OSCILLATIONS
PLASMA PHYSICS
PLASMA PINCH
PLASMA POTENTIALS
PLASMA POWER SOURCES
PLASMA PRESSURE
PLASMA PROBES
PLASMA PROPULSION
PLASMA PUMPING
PLASMA RADIATION
PLASMA RESONANCE
PLASMA SHEATHS
PLASMA SLABS
PLASMA SPECTRA
PLASMA SPRAYING
PLASMA TEMPERATURE
PLASMA TORCHES
PLASMA TURBULENCE
PLASMA WAVES
PLASMA-ELECTROMAGNETIC INTERACTION
PLASMA-PARTICLE INTERACTIONS
PLASMADYNAMIC LASERS
PLASMAGUIDES
PLASMAPAUSE
PLASMASPHERE
PLASMATRONS
RADIATION BELTS
RAREFIED GAS DYNAMICS
SCYLLA
SOLAR PHYSICS
SPACE CHARGE
SPHINX
STELLAR MAGNETIC FIELDS
TEARING MODES (PLASMAS)
THERMAL DISSOCIATION
THERMODYNAMICS
THERMONUCLEAR REACTIONS
TWO STAGE PLASMA ENGINES

PLASMAS-IN-SPACE PAYLOAD
USE AMPS (SATELLITE PAYLOAD)

PLASMASPHERE
1301 3009
RT ATMOSPHERIC IONIZATION
CHEMOSPHERE
EARTH ATMOSPHERE
EARTH MAGNETOSPHERE
OPEN PROJECT
PLASMAS (PHYSICS)
UPPER ATMOSPHERE

PLASMATRONS
0905 1203 2501
GS ION SOURCES
#PLASMATRONS
..DUOPLASMATRONS
PLASMA GENERATORS
#PLASMATRONS
..DUOPLASMATRONS
RT PLASMA ELECTRODES
PLASMA GUNS
PLASMA JETS
PLASMA PROPULSION
PLASMAS (PHYSICS)

PLASMOIDS
USE PLASMAS (PHYSICS)

PLASMOLYSIS
0404 0406
RT CELLS (BIOLOGY)
CYTOLOGY
DEHYDRATION

PLASMONS
1002 2403 2502 0705
SN (EXCLUDES ORGANIC CYTOPLASMIC CONDITIONS)
GS ELECTROMAGNETIC RADIATION
#PLASMONS
ELEMENTARY EXCITATIONS
#PLASMONS
POLARITONS
#PLASMONS
RT ELECTRON GAS
EXCITONS
MAGNETOHYDRODYNAMIC STABILITY
MAGNONS
PHONONS
PLASMA FREQUENCIES
PLASMA OSCILLATIONS
POLARONS

PLASTERS
1802 1805
GS #PLASTERS
.GYPSUM
.PARAPLASTS
RT CASTS
GROUT
MOLDING MATERIALS
MORTARS (MATERIAL)
PASTES

PLASTIC AIRCRAFT STRUCTURES
0102 0202 1809
GS AIRCRAFT STRUCTURES
#PLASTIC AIRCRAFT STRUCTURES
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT SURVIVABILITY
BORON-EPOXY COMPOSITES
GLASS FIBER REINFORCED PLASTICS
PLASTICS

PLASTIC ANISOTROPY
1704 1809 2603
GS ANISOTROPY
#PLASTIC ANISOTROPY
..ELASTIC ANISOTROPY
RT VISCOPLASTICITY

PLASTIC BODIES
1809 3202 3203 0102
RT BEAMS (SUPPORTS)
% BODIES
CYLINDRICAL BODIES
ELASTIC BODIES
ELASTIC PLATES
ELASTOPLASTICITY
PLASTIC PROPERTIES
PLASTIC SHELLS
RIGID STRUCTURES

PLASTIC COATINGS
1702 1802 1809
GS COATINGS
#PLASTIC COATINGS
RT ANTIRADAR COATINGS
ENCAPSULATING
POLYMERIC FILMS

PROTECTIVE COATINGS
SPRAYED COATINGS

PLASTIC DEFORMATION
1108 1703 2311 3204 3501
UF LUDER BANDS
PLASTIC YIELDING
STRAIN SOFTENING
GS DEFORMATION
#PLASTIC DEFORMATION
RT % BANDS
BENDING
BORDONI PEAKS
CREEP PROPERTIES
CREEP TESTS
DUCTILE-BRITTLE TRANSITION
ELASTIC DEFORMATION
ELONGATION
J INTEGRAL
PLANE STRAIN
SAINT VENANT PRINCIPLE
SHEAR CREEP
% SLIP
STRAIN DISTRIBUTION
STRESS PROPAGATION
STRESS RELAXATION
STRESS-STRAIN RELATIONSHIPS
STRETCHING
STRUCTURAL STRAIN
SUPERPLASTICITY
TEMPERATURE INVERSIONS
TENSILE CREEP
TENSILE DEFORMATION
THERMOMECHANICAL TREATMENT
WARPAGE
WORK SOFTENING
YIELD STRENGTH

PLASTIC FILMS
USE POLYMERIC FILMS

PLASTIC FLOW
1809 2603
GS FLUID FLOW
#PLASTIC FLOW
..TRESCA FLOW
RT CREEP PROPERTIES
% FLOW
INTERNAL FRICTION
RHEOLOGY
SHEAR FLOW
STEADY STATE CREEP
STRESS RELAXATION
SUPERPLASTICITY
VISCOELASTICITY
VISCOPLASTICITY

PLASTIC MEMORY
0604 2603
RT SHAPE MEMORY ALLOYS
STRESS RELAXATION

PLASTIC PLATES
1809 3203
SN (STRUCTURAL PLATES EXHIBITING PLASTIC PROPERTIES)
GS STRUCTURAL MEMBERS
.PLATES (STRUCTURAL MEMBERS)
.#PLASTIC PLATES
RT ELASTIC PLATES
ELASTOPLASTICITY
REINFORCED PLATES

PLASTIC PROPELLANTS
1808 1809 2702 2808 2809
GS PROPELLANTS
.SOLID PROPELLANTS
.#PLASTIC PROPELLANTS
RT CHEMICAL FUELS
COMPOSITE PROPELLANTS
EXPLOSIVES
GELLED PROPELLANTS
HTPB PROPELLANTS
MONOPROPELLANTS
PLASTICIZERS
POLYBUTADIENE TETRANITRAMINE
PYROTECHNICS

PLASTIC PROPERTIES
1809 2603 3202 3204
UF PLASTICITY
GS MECHANICAL PROPERTIES
#PLASTIC PROPERTIES
..ELASTOPLASTICITY
..PHOTOPLASTICITY
..SUPERPLASTICITY
..THERMOPLASTICITY
..VISCOPLASTICITY
..YIELD POINT
RT COHESION
COLD FLOW TESTS
DUCTILITY
ELASTIC PROPERTIES
FATIGUE (MATERIALS)
FLEXIBILITY
HARDNESS
INFLUENCE COEFFICIENT
METHOD OF CHARACTERISTICS
PLASTIC BODIES
% PROPERTIES
RHEOLOGY
SEMISOLIDS
STRESS RELAXATION
STRESS TENSORS
STRUCTURAL STABILITY

PLASTIC SHELLS
1504 1809 3202 3203
GS SHELLS (STRUCTURAL FORMS)
#PLASTIC SHELLS
RT CYLINDRICAL SHELLS
ELASTIC SHELLS
ELASTOPLASTICITY
PLASTIC BODIES
REINFORCED SHELLS
SHELL STABILITY

PLASTIC TAPES
0701 0802 1809
RT ADHESIVES
MAGNETIC TAPES
% TAPES

PLASTIC YIELDING
USE PLASTIC DEFORMATION

PLASTICITY
USE PLASTIC PROPERTIES

PLASTICIZERS
1808 1809 1810
UF CASTING SOLVENTS
ELASTICIZERS
GS ADDITIVES
#PLASTICIZERS
RT CASE BONDED PROPELLANTS
COATINGS
DOMINO PROPELLANTS
ESTERS
PLASTIC PROPELLANTS
PROPELLANT ADDITIVES
SKYDROL (TRADEMARK)
SOLID PROPELLANTS
SOLID ROCKET BINDERS
SURFACTANTS
TRIACETIN

PLASTICS
1804 1808 1809
GS #PLASTICS
.DELRIN (TRADEMARK)
.PERSPEX (TRADEMARK)
.POLYBUTADIENE
.POLYETHYLENES
..POLYETHYLENE TEREPHTHALATE

```
      .POLYISOBUTYLENE
      .POLYPROPYLENE
      .POLYSTYRENE
      ..STYROFOAM (TRADEMARK)
      .POLYTETRAFLUOROETHYLENE
      ..TEFLON (TRADEMARK)
      .POLYVINYL ALCOHOL
      .POLYVINYL CHLORIDE
      .POLYVINYL FLUORIDE
      .REINFORCED PLASTICS
      ..CARBON FIBER REINFORCED PLASTICS
      ..GLASS FIBER REINFORCED PLASTICS
      ..MICARTA
      .SYNTHETIC RESINS
      ..ADDITION RESINS
      ...ACRYLIC RESINS
      ...VINYL COPOLYMERS
      ..POLYESTER RESINS
      ..POLYETHER RESINS
      ...PEEK
      ...POLYMETHYL METHACRYLATE
      ..THERMOPLASTIC RESINS
      ...PEEK
      ...QUINOXALINES
      ...THERMOPLASTIC FILMS
      ..THERMOSETTING RESINS
      ...EPOXY RESINS
      ....PHENOLIC EPOXY RESINS
      ...FURAN RESINS
      ....POLYAMIDE RESINS
      .....KEVLAR (TRADEMARK)
      ...PHENOLIC RESINS
      ....MICARTA
      ....PHENOLIC EPOXY RESINS
  RT  ACRYLONITRILES
      ARAMID FIBERS
      BORON REINFORCED MATERIALS
    % CONSTRUCTION MATERIALS
      ELASTOMERS
      FLUOROPOLYMERS
      FURANS
      INJECTION MOLDING
      ION EXCHANGE RESINS
      KAPTON (TRADEMARK)
    % MATERIALS SCIENCE
      MOLDING MATERIALS
      ORGANIC MATERIALS
      PETROLEUM PRODUCTS
      PLASTIC AIRCRAFT STRUCTURES
    % POLYMERS
      SHEET MOLDING COMPOUNDS
      TETRAHYDROFURAN
      THIOPLASTICS

PLASTISOLS
  1804 1808 1809 1810
  GS  MIXTURES
      .DISPERSIONS
      .#PLASTISOLS
      ...SMOKE
  RT  COLLOIDS
      COMPOSITE PROPELLANTS
      DOUBLE BASE PROPELLANTS
      RESINS

PLAT SYSTEM
  0202 0203 0701 0705 1101 2101
  UF  PILOT LANDING AID TELEVISION SYSTEM
  GS  COMMUNICATION EQUIPMENT
      #PLAT SYSTEM
      TELECOMMUNICATION
      #PLAT SYSTEM
      TELEVISION SYSTEMS
      #PLAT SYSTEM
  RT  LANDING AIDS
    % SYSTEMS

PLATE (METAL)
  USE METAL PLATES

PLATE THEORY
  3203
  RT  FLAT PLATES
      STRUCTURAL ANALYSIS
    % THEORIES

PLATEAUS
  1305 1902 3406
  GS  LANDFORMS
      .TERRACES (LANDFORMS)
      .#PLATEAUS
      ...ALLEGHENY PLATEAU (US)
      ...COLORADO PLATEAU (US)
      ...MESAS
      ....BUTTES
      ...PIEDMONTS
      ....CENTRAL PIEDMONT (US)
  RT  APEXES
      EROSION
      HIGHLANDS
    % PEAKS
      PLAINS
      STRATIGRAPHY

PLATELETS
  0404 0406
  RT  BLOOD COAGULATION
      BLOOD GROUPS
      HISTOLOGY
      THROMBOPLASTIN

PLATENS
  1504
  RT % PLATES
       PRESSES
     % PRESSING
       PUNCHES
       RAMS (PRESSES)
       ROLLERS
       TOOLS

% PLATES
  0903 0905 3203
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  CORRUGATING
      DISKS (SHAPES)
      FLAT PLATES
      METAL COATINGS
      METAL PLATES
      MICROCHANNEL PLATES
      PANELS
      PARALLEL PLATES
      PHOTOGRAPHIC PLATES
      PLATENS
      PLATES (STRUCTURAL MEMBERS)
      PLATING
      RECTANGULAR PLATES
      SCATTER PLATES (OPTICS)
      THICK PLATES
      THIN PLATES
      TRAYS

PLATES (STRUCTURAL MEMBERS)
  3202 3203
  GS  STRUCTURAL MEMBERS
      #PLATES (STRUCTURAL MEMBERS)
      ..ANISOTROPIC PLATES
      ..ANNULAR PLATES
      ..CANTILEVER PLATES
      ..CIRCULAR PLATES
      ..CORRUGATED PLATES
      ..ELASTIC PLATES
      ..END PLATES
      ..GIRDER WEBS
      ..METAL PLATES
      ...BOILER PLATE
      ..ORTHOTROPIC PLATES
      ..PERFORATED PLATES
      ..PLASTIC PLATES
      ..POROUS PLATES
      ..RECTANGULAR PLATES
      ..REINFORCED PLATES
  RT  FLAT PLATES
```

GIRDERS
METAL SHEETS
ORTHOTROPISM
% PLATES
REISSNER THEORY
SLABS
THICK PLATES
THIN PLATES

PLATES (TECTONICS)
1306
RT EARTH CRUST
EARTH MANTLE
EARTH PLANETARY STRUCTURE
EARTHQUAKES
GEOLOGICAL FAULTS
GEOPHYSICS
LITHOSPHERE
SEA FLOOR SPREADING
STRUCTURAL PROPERTIES (GEOLOGY)
SUBDUCTION (GEOLOGY)
TECTONICS

% PLATFORMS
0203 1403 3109 3203
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT FLIGHT MECHANICS
FLOORS
FLYING PLATFORMS
GUIDANCE (MOTION)
INERTIAL PLATFORMS
LANDFORMS
LAUNCHING PADS
OFFSHORE PLATFORMS
SLABS
SOLETTAS
SPACE PLATFORMS
SPACE STATIONS
STABILIZED PLATFORMS
SUPPORTS
SYNCHRONOUS PLATFORMS

PLATING
0604 1702 1704
GS #PLATING
.ELECTROPLATING
.FLAME PLATING
.ION PLATING
.NICKEL PLATE
RT ANODIC STRIPPING
CATHODIC COATINGS
CLADDING
DEPOSITION
DEPOSITS
ELECTRODEPOSITION
ELECTROLESS DEPOSITION
FINISHES
LAMINATES
METAL COATINGS
METAL FINISHING
METALLIZING
% PLATES
PROTECTIVE COATINGS
SUBSTRATES
THIN FILMS

PLATINUM
1703
GS CHEMICAL ELEMENTS
#PLATINUM
..PLATINUM ISOTOPES
METALS
.TRANSITION METALS
.#PLATINUM
...PLATINUM ISOTOPES
RT PLATINUM BLACK

PLATINUM ALLOYS
1701 1703
GS ALLOYS
#PLATINUM ALLOYS
RT IRIDIUM ALLOYS
RHODIUM ALLOYS

PLATINUM BLACK
0603 1703 1704
GS PARTICLES
.METAL PARTICLES
..METAL POWDER
..#PLATINUM BLACK
.POWDER (PARTICLES)
..METAL POWDER
..#PLATINUM BLACK
RT CATALYSTS
PLATINUM

PLATINUM COMPOUNDS
0603 1804
GS #PLATINUM COMPOUNDS
.PLATINUM OXIDES
RT % CHEMICAL COMPOUNDS
% GROUP 8 COMPOUNDS
% METAL COMPOUNDS

PLATINUM ISOTOPES
0603 1703 2406
GS CHEMICAL ELEMENTS
.NUCLIDES
..ISOTOPES
..#PLATINUM ISOTOPES
.PLATINUM
.#PLATINUM ISOTOPES
METALS
.TRANSITION METALS
..PLATINUM
..#PLATINUM ISOTOPES

PLATINUM OXIDES
0603 1804
GS CHALCOGENIDES
.OXIDES
..METAL OXIDES
..#PLATINUM OXIDES
PLATINUM COMPOUNDS
#PLATINUM OXIDES

PLAYAS
1306
GS LAND
.PLAINS
.#PLAYAS
LANDFORMS
#PLAYAS
RT DESERTS
LAKES

PLAYBACKS
0702 1402 1410 9001
RT MAGNETIC TAPES
% RECORDERS
RECORDING
RECORDS
% TAPES
VIDEO DISKS

PLEIADES CLUSTER
3001 3003
GS CELESTIAL BODIES
.STAR CLUSTERS
..OPEN CLUSTERS
..#PLEIADES CLUSTER
RT % CLUSTERS
TAURUS CONSTELLATION

PLENUM CHAMBERS
0209 0303 1203 3301
RT AIR INTAKES
% CHAMBERS
DUCTS
EXHAUST SYSTEMS
FUEL SYSTEMS
INTAKE SYSTEMS
MANIFOLDS

```
    % WATER INTAKES

PLETHYSMOGRAPHY
  0402 0404 0405 0408 0501 0905
  GS   BIOENGINEERING
       .BIOMETRICS
       .#PLETHYSMOGRAPHY
       ...ELECTROPLETHYSMOGRAPHY

PLEURAE
  0402 0404 0405
  GS   ANATOMY
       #PLEURAE
       MEMBRANES
       #PLEURAE
  RT   LUNGS
       RESPIRATORY SYSTEM

PLEUROTIN
  0401 0404
  GS   DRUGS
       .ANTIBIOTICS
       .#PLEUROTIN
  RT   STAPHYLOCOCCUS

PLEXIGLASS (TRADEMARK)
  USE  POLYMETHYL METHACRYLATE

PLIES
  USE  LAYERS

% PLOTS
  0803 2103
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CHARTS
       DISPLAY DEVICES
       PLOTTERS
       PLOTTING
       SITES

PLOTTERS
  0705 0803 1504 2103
  UF   PLOTTING INSTRUMENTS
  GS   RECORDING INSTRUMENTS
       #PLOTTERS
       ..X-Y PLOTTERS
  RT   COMPUTER GRAPHICS
       DIGITAL TO ANALOG CONVERTERS
       DISPLAY DEVICES
       NAVIGATION AIDS
       PERIPHERAL EQUIPMENT (COMPUTERS)
    % PLOTS
       PLOTTING
       POSITION INDICATORS
       PRINTERS
       REMOTE CONSOLES

PLOTTING
  0705 0803 1504 2103
  RT   ANALOG TO DIGITAL CONVERTERS
       DISPLAY DEVICES
       NAVIGATION
    % PLOTS
       PLOTTERS
       PRINTING
       RECORDING

PLOTTING INSTRUMENTS
  USE  PLOTTERS

PLOWED FIELDS
  USE  FARMLANDS

PLOWING
  0404 0409
  GS   CULTIVATION
       #PLOWING
  RT   AGRICULTURE
       FARM CROPS
       FARMLANDS
       GRASSLANDS
       PLANTING
       PLANTS (BOTANY)
       PLOWS
       SOD
       TRACTORS

PLOWS
  0505 1504
  RT   AGRICULTURE
       MIXERS
       PLANTING
       PLOWING

PLSS
  USE  PORTABLE LIFE SUPPORT SYSTEMS

PLUG NOZZLES
  2804 2806
  GS   EXHAUST NOZZLES
       #PLUG NOZZLES
  RT   ANNULAR NOZZLES
       CONICAL NOZZLES
       NOZZLE GEOMETRY
    % NOZZLES
       ROCKET NOZZLES
       SPIKE NOZZLES

PLUGGING
  1501
  UF   CLOGGING
  RT   AGGLOMERATION
       BLOCKING
       CAULKING
       CLOSING
       CLOSURES
       CONSTRICTIONS
       FOULING
       PLUGS
       SEALING
       SEALS (STOPPERS)

PLUGS
  1406 3201
  SN   (EXCLUDES SPARKPLUGS OR ELECTRICAL
       CONNECTORS)
  GS   SEALS (STOPPERS)
       #PLUGS
  RT   BLOCKING
       CLOSURES
       LABYRINTH SEALS
       OUTLETS
       PLUGGING
       STOPPING

PLUM BROOK REACTOR
  2204
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..WATER COOLED REACTORS
       ..#PLUM BROOK REACTOR
       .NUCLEAR RESEARCH AND TEST REACTORS
       .#PLUM BROOK REACTOR

PLUMAGE
  0402
  RT   BIRDS

PLUMBANE
  USE  LEAD COMPOUNDS
       METAL HYDRIDES

PLUMES
  2702 2805 2808 3303 3501
  GS  #PLUMES
       .ROCKET EXHAUST
  RT   CHIMNEYS
       CONDENSATES
       POLLUTION TRANSPORT
       SHOCK WAVES

PLUNGERS
  1504
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```
  RT    MIXERS
        PISTONS
        RAMS (PRESSES)
        RAMS (PUMPS)

PLUTO (PLANET)
  3001 3008
  GS    CELESTIAL BODIES
        .PLANETS
        .#PLUTO (PLANET)
  RT    CHARON
        PLUTO ATMOSPHERE

PLUTO ATMOSPHERE
  3001 3008
  GS    ENVIRONMENTS
        .EXTRATERRESTRIAL ENVIRONMENTS
        ..PLANETARY ENVIRONMENTS
        ...PLANETARY ATMOSPHERES
        ...#PLUTO ATMOSPHERE
  RT    PLUTO (PLANET)

PLUTO REACTORS
  0204 2202 2204 2805 3401
  GS    NUCLEAR REACTORS
        #PLUTO REACTORS
  RT    NUCLEAR RAMJET ENGINES
        NUCLEAR ROCKET ENGINES
        SUPERSONIC LOW ALTITUDE MISSILE

PLUTONIUM
  1703 2203 2406
  GS    CHEMICAL ELEMENTS
        .ACTINIDE SERIES
        ..TRANSURANIUM ELEMENTS
        ..#PLUTONIUM
        ....PLUTONIUM ISOTOPES
        .....PLUTONIUM 238
        .....PLUTONIUM 239
        .....PLUTONIUM 240
        .....PLUTONIUM 241
        .....PLUTONIUM 244
        .NUCLIDES
        ..ISOTOPES
        ...RADIOACTIVE ISOTOPES
        ....TRANSURANIUM ELEMENTS
        ....#PLUTONIUM
        ......PLUTONIUM ISOTOPES
        .......PLUTONIUM 238
        .......PLUTONIUM 239
        .......PLUTONIUM 240
        .......PLUTONIUM 241
        .......PLUTONIUM 244
        METALS
        .ACTINIDE SERIES
        ..TRANSURANIUM ELEMENTS
        ..#PLUTONIUM
        ....PLUTONIUM ISOTOPES
        .....PLUTONIUM 238
        .....PLUTONIUM 239
        .....PLUTONIUM 240
        .....PLUTONIUM 241
        .....PLUTONIUM 244
  RT    FISSIONABLE MATERIALS
        NUCLEAR FUELS

PLUTONIUM ALLOYS
  1701 2203
  GS    ALLOYS
        #PLUTONIUM ALLOYS
  RT    NUCLEAR FUEL ELEMENTS
        NUCLEAR FUELS

PLUTONIUM CARBIDES
  USE   PLUTONIUM COMPOUNDS

PLUTONIUM COMPOUNDS
  0603 1804 2203
  UF    PLUTONIUM CARBIDES
  GS    ACTINIDE SERIES COMPOUNDS
        #PLUTONIUM COMPOUNDS
        ..PLUTONIUM FLUORIDES
        ..PLUTONIUM OXIDES
  RT    CERAMIC NUCLEAR FUELS
      % CHEMICAL COMPOUNDS
      % METAL COMPOUNDS
        NUCLEAR FUELS

PLUTONIUM FLUORIDES
  0603 1804
  GS    ACTINIDE SERIES COMPOUNDS
        .PLUTONIUM COMPOUNDS
        .#PLUTONIUM FLUORIDES
        HALOGEN COMPOUNDS
        .FLUORINE COMPOUNDS
        ..FLUORIDES
        ...METAL FLUORIDES
        ...#PLUTONIUM FLUORIDES

PLUTONIUM ISOTOPES
  2406
  GS    CHEMICAL ELEMENTS
        .ACTINIDE SERIES
        ..TRANSURANIUM ELEMENTS
        ...PLUTONIUM
        ...#PLUTONIUM ISOTOPES
        .....PLUTONIUM 238
        .....PLUTONIUM 239
        .....PLUTONIUM 240
        .....PLUTONIUM 241
        .....PLUTONIUM 244
        .NUCLIDES
        ..ISOTOPES
        ...RADIOACTIVE ISOTOPES
        ....TRANSURANIUM ELEMENTS
        .....PLUTONIUM
        .....#PLUTONIUM ISOTOPES
        .......PLUTONIUM 238
        .......PLUTONIUM 239
        .......PLUTONIUM 240
        .......PLUTONIUM 241
        .......PLUTONIUM 244
        METALS
        .ACTINIDE SERIES
        ..TRANSURANIUM ELEMENTS
        ...PLUTONIUM
        ...#PLUTONIUM ISOTOPES
        .....PLUTONIUM 238
        .....PLUTONIUM 239
        .....PLUTONIUM 240
        .....PLUTONIUM 241
        .....PLUTONIUM 244

PLUTONIUM OXIDES
  0603 1804 2203
  GS    ACTINIDE SERIES COMPOUNDS
        .PLUTONIUM COMPOUNDS
        .#PLUTONIUM OXIDES
        CHALCOGENIDES
        .OXIDES
        ..METAL OXIDES
        ..#PLUTONIUM OXIDES
  RT    CERAMIC NUCLEAR FUELS
        MIXED OXIDES

PLUTONIUM RECYCLE TEST REACTOR
  1108 2204
  UF    PRTR (REACTOR)
  GS    NUCLEAR ELECTRIC POWER GENERATION
        .NUCLEAR POWER REACTORS
        .#PLUTONIUM RECYCLE TEST REACTOR
        NUCLEAR REACTORS
        .LIQUID COOLED REACTORS
        ..WATER COOLED REACTORS
        ...HEAVY WATER REACTORS
        ...#PLUTONIUM RECYCLE TEST REACTOR
        .NUCLEAR POWER REACTORS
        .#PLUTONIUM RECYCLE TEST REACTOR
        .NUCLEAR RESEARCH AND TEST REACTORS
        .#PLUTONIUM RECYCLE TEST REACTOR
        .WATER MODERATED REACTORS
        .#PLUTONIUM RECYCLE TEST REACTOR

PLUTONIUM 238
  1703 2203 2406
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  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 238
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ....TRANSURANIUM ELEMENTS
       .....PLUTONIUM
       ......PLUTONIUM ISOTOPES
       ......#PLUTONIUM 238
       METALS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 238

PLUTONIUM 239
  1703 2203 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 239
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ....TRANSURANIUM ELEMENTS
       .....PLUTONIUM
       ......PLUTONIUM ISOTOPES
       ......#PLUTONIUM 239
       METALS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 239

PLUTONIUM 240
  1703 2203 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 240
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ....TRANSURANIUM ELEMENTS
       .....PLUTONIUM
       ......PLUTONIUM ISOTOPES
       ......#PLUTONIUM 240
       METALS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 240

PLUTONIUM 241
  1703 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 241
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ....TRANSURANIUM ELEMENTS
       .....PLUTONIUM
       ......PLUTONIUM ISOTOPES
       ......#PLUTONIUM 241
       METALS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 241

PLUTONIUM 244
  2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 244
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ....TRANSURANIUM ELEMENTS
       .....PLUTONIUM
       ......PLUTONIUM ISOTOPES
       ......#PLUTONIUM 244
       METALS
       .ACTINIDE SERIES
       ..TRANSURANIUM ELEMENTS
       ...PLUTONIUM
       ....PLUTONIUM ISOTOPES
       ....#PLUTONIUM 244

PLUVIOGRAPHS
  USE  RAIN GAGES

       RECORDING INSTRUMENTS

PLY ORIENTATION
  1504
  RT   ALIGNMENT
       COMPOSITE MATERIALS
       INTERLAYERS
       LAMINATES
     % LAYERS
       MULTILAYER INSULATION
     % ORIENTATION
       PLYWOOD
       POSITIONING
       SANDWICH STRUCTURES
       SUBSTRATES

PLYWOOD
  1805
  GS   COMPOSITE MATERIALS
       .LAMINATES
       .#PLYWOOD
       COMPOSITE STRUCTURES
       .LAMINATES
       .#PLYWOOD
       WOOD
       #PLYWOOD
  RT   PLY ORIENTATION
       TREES (PLANTS)
       WOODEN STRUCTURES

PNEUMATIC CIRCUITS
  0303 1201 1203 2204 3501
  GS   CIRCUITS
       #PNEUMATIC CIRCUITS
       PNEUMATIC EQUIPMENT
       #PNEUMATIC CIRCUITS
  RT   FLUIDICS
       VALVES

PNEUMATIC CONTROL
  0303 1203 2204 3501
  UF   PNEUMATIC RESET
  RT   AUTOMATIC CONTROL
       AUTOMATIC CONTROL VALVES
       COMPRESSED GAS
     % CONTROL
       CONTROL EQUIPMENT
       CONTROL VALVES
       CONTROLLERS
       ELECTRONIC CONTROL
       ENGINE CONTROL
       FLUID POWER
       FLUIDICS
       HYDRAULIC CONTROL
       REMOTE CONTROL
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PNEUMATIC EQUIPMENT
  0303 1201 1203 2204 3501
  GS   #PNEUMATIC EQUIPMENT
       .GAS VALVES
       .PNEUMATIC CIRCUITS
       .PNEUMATIC PROBES
  RT   AIR BAG RESTRAINT DEVICES
       COMPRESSED AIR
       CUSHIONS
     % EQUIPMENT
       FLUID AMPLIFIERS
       FLUID POWER
       FLUID SWITCHING ELEMENTS
       FLUIDICS
       GAS GENERATORS
       GOLAY DETECTOR CELLS
       INFLATABLE STRUCTURES
     % NETWORKS
       SERVOCONTROL
       SERVOMECHANISMS
       SHOCK ABSORBERS
     % SYSTEMS
       VALVES

PNEUMATIC PROBES
  1203 1408 3108 3303 3501
  GS   MEASURING INSTRUMENTS
       .TEMPERATURE MEASURING INSTRUMENTS
       .#PNEUMATIC PROBES
       PNEUMATIC EQUIPMENT
       #PNEUMATIC PROBES
  RT   FLOW MEASUREMENT
       HIGH TEMPERATURE GASES
       MASS FLOW RATE
       NOZZLE FLOW
       PRESSURE MEASUREMENT

PNEUMATIC RESET
  USE  PNEUMATIC CONTROL

PNEUMATICS
  1201 1202 1203
  GS   FLUID MECHANICS
       #PNEUMATICS
  RT   FLOW THEORY
       FLUID POWER
       FLUIDICS
       GASES
     % HYDRAULICS

PNEUMOGRAPHS
  USE  PNEUMOGRAPHY

PNEUMOGRAPHY
  0404 0408 0501
  UF   PNEUMOGRAPHS
  RT   BIOTELEMETRY
       LUNGS
     % MEASUREMENT
       RADIOGRAPHY

PNEUMONIA
  0405 0412
  GS   DISEASES
       .RESPIRATORY DISEASES
       .#PNEUMONIA
  RT   ACQUIRED IMMUNODEFICIENCY SYNDROME
       BACTERIAL DISEASES
       CONGESTION
       VIRAL DISEASES

PNEUMOTHORAX
  0404
  RT   DISEASES
       LUNGS
       MEDICAL SCIENCE

PNICTIDES
  USE  GROUP 5A COMPOUNDS

POCKELS EFFECT
  USE  BIREFRINGENCE

POCKET MICE
  0402 0405 0411
  GS   ANIMALS
       .VERTEBRATES
       ..MAMMALS
       ...RODENTS
       ....MICE
       ....#POCKET MICE
  RT   RATS

PODS (EXTERNAL STORES)
  1504 2801
  GS   EXTERNAL STORES
       #PODS (EXTERNAL STORES)
  RT   COWLINGS
       EXTERNAL STORE SEPARATION
       FUEL TANKS
       NACELLES
       WING-FUSELAGE STORES

POGO
  1308 3107
  UF   POLAR ORBIT GEOPHYSICAL OBSERVATORY
  GS   ARTIFICIAL SATELLITES
       .GEOPHYSICAL SATELLITES
       ..OGO
       ..#POGO
       ....OGO-C
       ....OGO-4
       ....OGO-6
       OBSERVATORIES
       .GEOPHYSICAL OBSERVATORIES
       ..OGO
       ..#POGO
       ....OGO-C
       ....OGO-4
       ....OGO-6
  RT   AGENA B ROCKET VEHICLE
       EGO

POGO EFFECTS
  3203
  GS   VIBRATION
       #POGO EFFECTS
       VIBRATION EFFECTS
       #POGO EFFECTS
  RT % EFFECTS
       LONGITUDINAL STABILITY

POHLHAUSEN METHOD
  0101 0102 1202 1203 3303 3501
  UF   POHLHAUSEN SOLUTION
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       ..APPROXIMATION
       ..#POHLHAUSEN METHOD
  RT   LAMINAR BOUNDARY LAYER
     % METHODOLOGY
       VELOCITY DISTRIBUTION
       VISCOUS FLOW

POHLHAUSEN SOLUTION
  USE  POHLHAUSEN METHOD

POIKILOTHERMIA
  0402 0404
  UF   COLD BLOODED ANIMALS
  GS   ANIMALS
       #POIKILOTHERMIA
  RT   AMPHIBIA
       BODY TEMPERATURE
       FISHES
       INVERTEBRATES
       REPTILES

POINCARE PROBLEM
  1902
  RT % PROBLEMS

POINCARE SPHERES
  1902
```

GS SYMMETRICAL BODIES
.BODIES OF REVOLUTION
..SPHERES
..#POINCARE SPHERES
RT GEOMETRY

POINT DEFECTS
2601 2602
GS DEFECTS
.CRYSTAL DEFECTS
.#POINT DEFECTS
...VACANCIES (CRYSTAL DEFECTS)
....FRENKEL DEFECTS
RT CRYSTAL DISLOCATIONS
IMPURITIES
SURFACE DEFECTS

POINT IMPACT
0710 2310
GS IMPACT
#POINT IMPACT
RT ELECTRON IMPACT
HYPERVELOCITY IMPACT
ION IMPACT
PROTON IMPACT

POINT MATCHING METHOD (MATHEMATICS)
USE BOUNDARY VALUE PROBLEMS

POINT SOURCES
0710 2310 2402 2903
GS RADIATION SOURCES
#POINT SOURCES
RT DIFFUSE RADIATION
% ENERGY SOURCES
HUYGENS PRINCIPLE
LIGHT SOURCES
SPHERICAL WAVES

POINT SPREAD FUNCTIONS
1902
GS FUNCTIONS (MATHEMATICS)
#POINT SPREAD FUNCTIONS
RT IMAGE PROCESSING

POINT TO POINT COMMUNICATION
0702 0707
GS COMMUNICATING
#POINT TO POINT COMMUNICATION
..NASCOM NETWORK
RT RADIO COMMUNICATION
TELECOMMUNICATION
WESTAR SATELLITES
WIDEBAND COMMUNICATION

POINTERS
USE DIALS

POINTING CONTROL SYSTEMS
0201 1402 1410 2102
GS FLIGHT CONTROL
#POINTING CONTROL SYSTEMS
..ANNULAR SUSPENSION AND POINTING SYSTEM
RT % CONTROL
ENTRY GUIDANCE (STS)
GUIDANCE (MOTION)
SPACE FLIGHT
SPACECRAFT CONTROL
% SYSTEMS

% POINTS
1902 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT NONPOINT SOURCES
POINTS (MATHEMATICS)
POSITION (LOCATION)

POINTS (MATHEMATICS)
1902
GS GEOMETRY
.EUCLIDEAN GEOMETRY
.#POINTS (MATHEMATICS)
...FIXED POINTS (MATHEMATICS)
...INFLECTION POINTS
RT FOCI
LOCI
NAKED SINGULARITIES
% POINTS
RECIPROCAL THEOREMS
SINGULARITY (MATHEMATICS)

POISEUILLE FLOW
USE LAMINAR FLOW

% POISONING
0405 0406 0412
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BENZENE POISONING
BERYLLIUM POISONING
CARBON MONOXIDE POISONING
CARBON TETRACHLORIDE POISONING
CURARE
HYDROCARBON POISONING
INTOXICATION
LEAD POISONING
NARCOSIS
POISONING (REACTION INHIBITION)
TOXIC DISEASES
TOXIC HAZARDS

POISONING (REACTION INHIBITION)
2203 2204
RT CONTROL RODS
NEUTRON ABSORBERS
NUCLEAR REACTIONS
% POISONING
RADIOACTIVE WASTES

POISONING (TOXICOLOGY)
USE TOXIC DISEASES

POISONS
0405 0406 0412
GS #POISONS
.CURARE
.ENDOTOXINS
.PESTICIDES
..INSECTICIDES
...DIELDRIN
.PHOSGENE
.STRYCHNINE
RT ENVIRONMENT EFFECTS
ENVIRONMENT POLLUTION
ENVIRONMENTAL SURVEYS
NONPOINT SOURCES
POLLUTION
TOXICITY

POISSON DENSITY FUNCTIONS
1905
UF POISSON PROCESS
GS FUNCTIONS (MATHEMATICS)
#POISSON DENSITY FUNCTIONS
STATISTICAL ANALYSIS
#POISSON DENSITY FUNCTIONS
RT CONTINUITY (MATHEMATICS)
DISCRETE FUNCTIONS
EXPONENTIAL FUNCTIONS

POISSON EQUATION
1203 1408 1902 3304 3501
GS ANALYSIS (MATHEMATICS)
.REAL VARIABLES
..DIFFERENTIAL EQUATIONS
...PARTIAL DIFFERENTIAL EQUATIONS
...#POISSON EQUATION
RT CLASSICAL MECHANICS
ELECTROSTATICS
% EQUATIONS
ISENTROPE

LAPLACE EQUATION
VORTEX IN CELL TECHNIQUE

POISSON PROCESS
USE POISSON DENSITY FUNCTIONS
STOCHASTIC PROCESSES

POISSON RATIO
1902 1704 3203
GS MECHANICAL PROPERTIES
#POISSON RATIO
RATIOS
#POISSON RATIO
RT AIRY FUNCTION
COMPRESSIVE STRENGTH
ELASTIC PROPERTIES
FIBER STRENGTH
MODULUS OF ELASTICITY
NU FACTOR
STRESS-STRAIN DIAGRAMS
TENSILE STRENGTH

POLAIRE SATELLITE
USE D-2 SATELLITES

POLAND
1305
GS NATIONS
#POLAND
RT CENTRAL EUROPE
EUROPE

POLAR AURORAS
USE AURORAS

POLAR CAP ABSORPTION
1305 2003 2306 3008
GS ENERGY ABSORPTION
.RADIATION ABSORPTION
..ELECTROMAGNETIC ABSORPTION
..#POLAR CAP ABSORPTION
.THERMAL ABSORPTION
.#POLAR CAP ABSORPTION
RT % ABSORPTION

POLAR CAPS
1305 2003 3008
RT ANTARCTIC REGIONS
ARCTIC REGIONS
% CAPS
EARTH (PLANET)
ICE
MARS (PLANET)

POLAR COORDINATES
1304 1902 1904 2103
GS COORDINATES
#POLAR COORDINATES
RT ASTRONOMICAL COORDINATES
PLANISPHERES
SMITH CHART
SPHERICAL COORDINATES

POLAR CUSPS
1302 3009
RT AERONOMY
% CUSPS
EARTH MAGNETOSPHERE
GEOMAGNETIC LATITUDE
GEOMAGNETIC TAIL
GEOMAGNETISM
GEOPHYSICS
INTERPLANETARY SPACE
LINES OF FORCE
MAGNETIC FIELD CONFIGURATIONS
MAGNETIC FIELDS
MAGNETOPAUSE
PLANETARY MAGNETIC FIELDS
POLAR REGIONS
SPACE PLASMAS

POLAR GASES
0603 1507 1601 1703 2404 3304
GS GASES
.MOLECULAR GASES
.#POLAR GASES
RT CARBON DIOXIDE LASERS
GAS COMPOSITION
GAS DISCHARGES
GAS DYNAMICS
GAS LASERS
GAS MASERS
POLARIZATION (CHARGE SEPARATION)

POLAR IONOSPHERE BEACON
USE BEACON SATELLITES

POLAR METEOROLOGY
2004 3107
GS METEOROLOGY
#POLAR METEOROLOGY
RT AEROLOGY
CLIMATOLOGY
HYDROLOGY
ICE REPORTING

POLAR NAVIGATION
1304 2003 2103
GS NAVIGATION
#POLAR NAVIGATION
RT AIR NAVIGATION
CELESTIAL NAVIGATION
DEAD RECKONING
DIGITAL NAVIGATION
INERTIAL NAVIGATION
LORAN

POLAR ORBIT GEOPHYSICAL OBSERVATORY
USE POGO

POLAR ORBITS
1304 1904 2103 3107
GS ORBITS
.SPACECRAFT ORBITS
..SATELLITE ORBITS
..#POLAR ORBITS
RT CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LUNAR ORBITS
LUNAR SATELLITES
PLANETARY ORBITS
SPACE STATION POLAR PLATFORMS
TIROS SATELLITES
TWENTY-FOUR HOUR ORBITS

POLAR PLATFORMS (SPACE STATIONS)
USE SPACE STATION POLAR PLATFORMS

POLAR RADIO BLACKOUT
0705 1302 2003
GS ELECTROMAGNETIC INTERFERENCE
.RADIO FREQUENCY INTERFERENCE
..BLACKOUT (PROPAGATION)
..#POLAR RADIO BLACKOUT
RT AURORAL ZONES
IONOSPHERIC PROPAGATION

POLAR REGIONS
1304 1305 2003 3008
UF HIGH LATITUDES
GS REGIONS
#POLAR REGIONS
..ANTARCTIC REGIONS
...MCMURDO SOUND
...ROSS ICE SHELF
..ARCTIC REGIONS
RT AURORAL ZONES
CLIMATOLOGY
GEOGRAPHY
PERMAFROST
POLAR CUSPS
TEMPERATE REGIONS
TIMBERLINE

```
POLAR SUBSTORMS
  1308 2003
  GS   STORMS
       .STORMS (METEOROLOGY)
       .#POLAR SUBSTORMS

POLAR WANDERING (GEOLOGY)
  1306
  UF   CHANDLER MOTION
  RT   CHANDLER WOBBLE
       EARTH AXIS
     % EARTH MOTION
       EARTH ORIENTATION
       GEODESY
       NUTATION
       PERIODIC VARIATIONS
       PRECESSION

POLARIMETERS
  1406 2306 2310 2402 3009 3501
  UF   SPECTROPOLARIMETERS
  GS   MEASURING INSTRUMENTS
       .OPTICAL MEASURING INSTRUMENTS
       .#POLARIMETERS
       OPTICAL EQUIPMENT
       .OPTICAL MEASURING INSTRUMENTS
       .#POLARIMETERS
  RT   ASTRONOMICAL POLARIMETRY
       CHEMICAL ANALYSIS
       ELLIPSOMETERS
       OPTICAL MEASUREMENT
       PHOTOMETERS
       POLARIMETRY
       POLARISCOPES
       POLARIZERS
       POLAROGRAPHY
       SOLAR MAXIMUM MISSION

POLARIMETRY
  1406 2306 2310 2402 3009 3501
  GS   OPTICAL MEASUREMENT
       #POLARIMETRY
       ..ASTRONOMICAL POLARIMETRY
  RT   OPTICAL ACTIVITY
       OPTICAL MEASURING INSTRUMENTS
       PHOTOMETRY
       POLARIMETERS
       POLARIZATION (WAVES)

POLARIS A1 MISSILE
  3101 3401
  GS   MISSILES
       .BALLISTIC MISSILES
       ..INTERMEDIATE RANGE BALLISTIC
         MISSILES
       ...POLARIS MISSILES
       ...#POLARIS A1 MISSILE
       .SURFACE TO SURFACE MISSILES
       ..FLEET BALLISTIC MISSILES
       ..#POLARIS A1 MISSILE
       ..INTERMEDIATE RANGE BALLISTIC
         MISSILES
       ...POLARIS MISSILES
       ...#POLARIS A1 MISSILE

POLARIS A2 MISSILE
  3101 3401
  GS   MISSILES
       .BALLISTIC MISSILES
       ..INTERMEDIATE RANGE BALLISTIC
         MISSILES
       ...POLARIS MISSILES
       ...#POLARIS A2 MISSILE
       .SURFACE TO SURFACE MISSILES
       ..FLEET BALLISTIC MISSILES
       ..#POLARIS A2 MISSILE
       ..INTERMEDIATE RANGE BALLISTIC
         MISSILES
       ...POLARIS MISSILES
       ...#POLARIS A2 MISSILE

POLARIS A3 MISSILE
  3101 3401
  GS   MISSILES
       .BALLISTIC MISSILES
       ..INTERMEDIATE RANGE BALLISTIC
         MISSILES
       ...POLARIS MISSILES
       ...#POLARIS A3 MISSILE
       .SURFACE TO SURFACE MISSILES
       ..FLEET BALLISTIC MISSILES
       ..#POLARIS A3 MISSILE
       ..INTERMEDIATE RANGE BALLISTIC
         MISSILES
       ...POLARIS MISSILES
       ...#POLARIS A3 MISSILE

POLARIS MISSILES
  3101 3401
  GS   MISSILES
       .BALLISTIC MISSILES
       ..INTERMEDIATE RANGE BALLISTIC
         MISSILES
       ..#POLARIS MISSILES
       ....POLARIS A1 MISSILE
       ....POLARIS A2 MISSILE
       ....POLARIS A3 MISSILE
       .SURFACE TO SURFACE MISSILES
       ..INTERMEDIATE RANGE BALLISTIC
         MISSILES
       ..#POLARIS MISSILES
       ....POLARIS A1 MISSILE
       ....POLARIS A2 MISSILE
       ....POLARIS A3 MISSILE
  RT   MULTISTAGE ROCKET VEHICLES
       SOLID PROPELLANT ROCKET ENGINES
       XM-33 ENGINE

POLARIS SUBMARINES
  USE  GUIDED MISSILE SUBMARINES

POLARISCOPES
  1406 2306 2310 2402
  GS   MEASURING INSTRUMENTS
       #POLARISCOPES
       ..SENARMONT POLARISCOPES
       OPTICAL EQUIPMENT
       #POLARISCOPES
       ..SENARMONT POLARISCOPES
  RT   OPTICAL MEASURING INSTRUMENTS
       POLARIMETERS
       POLARIZATION (WAVES)
       POLARIZERS

POLARITONS
  2304
  GS  #POLARITONS
       .PLASMONS

POLARITY
  0604 1002 2302 2304
  RT % DIPOLES
       ELECTRIC CHARGE
       ELECTRIC FIELDS
       MAGNETIC FIELDS
       MAGNETIC POLES
       POLARIZATION (CHARGE SEPARATION)
       POLARIZATION (SPIN ALIGNMENT)
       QUADRUPOLES

% POLARIZATION
  0603 0710 2304 2307 2310 2401 2404
  3009
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ANTIFERROELECTRICITY
       BIPOLARITY
       LINEAR POLARIZATION
       MAGNETIZATION
       OPTICAL POLARIZATION
       OVERHAUSER EFFECT
       PHOTOELASTIC ANALYSIS
       POLARIZATION (CHARGE SEPARATION)
```

POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
POLARIZED RADIATION

POLARIZATION (CHARGE SEPARATION)
2304 2307
UF CHARGE SEPARATION
GS #POLARIZATION (CHARGE SEPARATION)
.DIELECTRIC POLARIZATION
.ELECTROLYTIC POLARIZATION
RT CHARGE DISTRIBUTION
CHARGE TRANSFER
DEACTIVATION
DEPOLARIZATION
ELECTRETS
ELECTRIC CHARGE
ELECTRIC MOMENTS
ELECTRODE FILM BARRIERS
ELECTROMIGRATION
HALL EFFECT
IONOSPHERIC DRIFT
MAGNETIZATION
OVERVOLTAGE
POLAR GASES
POLARITY
% POLARIZATION
PYROELECTRICITY
% SEPARATION
TAFEL LAW

POLARIZATION (SPIN ALIGNMENT)
2307
RT ALIGNMENT
ANISOTROPY
DEACTIVATION
MAGNETIC PROPERTIES
MAGNETIZATION
% ORIENTATION
POLARITY
% POLARIZATION
ROTATION
SPIN TESTS

POLARIZATION (WAVES)
1406 2306 2310
UF POLARIZATION CHARTS
GS #POLARIZATION (WAVES)
.CIRCULAR POLARIZATION
.CROSS POLARIZATION
.ELLIPTICAL POLARIZATION
.LINEAR POLARIZATION
RT ANISOTROPIC MEDIA
ANISOTROPY
BEAMFORMING
BIREFRINGENCE
BL LACERTAE OBJECTS
COLLIMATION
ELECTROMAGNETIC PROPERTIES
FARADAY EFFECT
KERR ELECTROOPTICAL EFFECT
KERR MAGNETOOPTICAL EFFECT
MAGNETO-OPTICS
MONOCHROMATIZATION
OPTICAL COUPLING
OPTICAL PROPERTIES
% ORIENTATION
PHOTOELASTIC ANALYSIS
POLARIMETRY
POLARISCOPES
% POLARIZATION
POLARIZED ELECTROMAGNETIC RADIATION
POLARIZERS
POLARONS
REFRACTIVITY
ROTATION

POLARIZATION CHARACTERISTICS
2302 2304 2306 2307 2401 2404
GS MAGNETIC PROPERTIES
#POLARIZATION CHARACTERISTICS
RT BREWSTER ANGLE
% CHARACTERISTICS
POLARIZED RADIATION

POLARIZATION CHARTS
USE GRAPHS (CHARTS)
POLARIZATION (WAVES)

POLARIZED ELASTIC WAVES
2306 2402
GS ELASTIC WAVES
#POLARIZED ELASTIC WAVES
POLARIZED RADIATION
#POLARIZED ELASTIC WAVES
RT S WAVES
SEISMIC WAVES
SOUND WAVES

POLARIZED ELECTROMAGNETIC RADIATION
2402 2903
GS ELECTROMAGNETIC RADIATION
#POLARIZED ELECTROMAGNETIC RADIATION
..POLARIZED LIGHT
..SYNCHROTRON RADIATION
POLARIZED RADIATION
#POLARIZED ELECTROMAGNETIC RADIATION
..POLARIZED LIGHT
..SYNCHROTRON RADIATION
RT CROSS POLARIZATION
EXTRATERRESTRIAL RADIATION
FARADAY EFFECT
INFRARED RADIATION
KERR CELLS
LIGHT (VISIBLE RADIATION)
LINEAR POLARIZATION
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
MAGNETO-OPTICS
MONOCHROMATIC RADIATION
POLARIZATION (WAVES)
POLARIZERS
% RADIATION
RADIATIVE TRANSFER
RADIO WAVES
STELLAR RADIATION
ULTRAVIOLET RADIATION

POLARIZED LIGHT
2306 2310 2903
GS ELECTROMAGNETIC RADIATION
.LIGHT (VISIBLE RADIATION)
.#POLARIZED LIGHT
.POLARIZED ELECTROMAGNETIC RADIATION
.#POLARIZED LIGHT
POLARIZED RADIATION
.POLARIZED ELECTROMAGNETIC RADIATION
.#POLARIZED LIGHT
RT ELLIPSOMETRY
GEGENSCHEIN
KERR MAGNETOOPTICAL EFFECT
MONOCHROMATIC RADIATION
OPTICAL ACTIVITY
OPTICAL DEPOLARIZATION
OPTICAL POLARIZATION
PHOTOELASTICITY
ZODIACAL LIGHT

POLARIZED RADIATION
2306 2402 2903
GS #POLARIZED RADIATION
.POLARIZED ELASTIC WAVES
.POLARIZED ELECTROMAGNETIC RADIATION
..POLARIZED LIGHT
..SYNCHROTRON RADIATION
RT CAUSTICS (OPTICS)
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
LINEAR POLARIZATION
PLASMA RADIATION

% POLARIZATION
POLARIZATION CHARACTERISTICS
% RADIATION
% RAYS

POLARIZERS
2304 2306 2307 2310 2402
RT KERR CELLS
LIGHT (VISIBLE RADIATION)
OPTICAL POLARIZATION
POLARIMETERS
POLARISCOPES
POLARIZATION (WAVES)
POLARIZED ELECTROMAGNETIC RADIATION

POLAROGRAPHS
USE POLAROGRAPHY

POLAROGRAPHY
1002 1406 2304
UF POLAROGRAPHS
GS ELECTRICAL MEASUREMENT
#POLAROGRAPHY
RT CHEMICAL ANALYSIS
OPTICAL POLARIZATION
POLARIMETERS
QUANTITATIVE ANALYSIS

POLARONS
2304 2403 2601
GS ELEMENTARY EXCITATIONS
#POLARONS
RT CONDUCTION BANDS
CROSS POLARIZATION
ELECTRON PHONON INTERACTIONS
IONIC CRYSTALS
PHONONS
PLASMONS
POLARIZATION (WAVES)

% POLES
0701 0901 0904 1102 1106 1902 2401
2404 2405
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT % DIPOLES
MAGNETIC DIPOLES
MAGNETIC POLES
MONOPOLES
POLES (SUPPORTS)
REGGE POLES

POLES (SUPPORTS)
3203
RT ELECTRIC POWER TRANSMISSION
% POLES

POLICE
3402 3403
GS PERSONNEL
#POLICE
RT COMMUNITIES
CRIME
REGULATIONS
SECURITY
SOCIAL FACTORS
VIOLENCE

POLICIES
3401 3402 3403 3406
GS #POLICIES
.ENERGY POLICY
.PATENT POLICY
.PROCUREMENT POLICY
RT COPYRIGHTS
GOVERNMENTS
LICENSING
PROHIBITION
REGULATIONS
RULES

POLIOMYELITIS
0405
GS DISEASES
.INFECTIOUS DISEASES
..VIRAL DISEASES
..#POLIOMYELITIS

POLISH TS-11 AIRCRAFT
USE TS-11 AIRCRAFT

POLISHED METALS
USE METAL POLISHING

POLISHING
0602 0604 1504 2306 2310
GS #POLISHING
.METAL POLISHING
..ELECTROPOLISHING
.VIBRATORY POLISHING
RT ABRASION
CLEANING
FINISHES
GRINDING (MATERIAL REMOVAL)
METALLOGRAPHY
SMOOTHING
SURFACE FINISHING
ULTRASONIC CLEANING

POLITICS
3403
RT AIR LAW
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
GOVERNMENTS
INTERNATIONAL COOPERATION
INTERNATIONAL LAW
LAW (JURISPRUDENCE)
NATIONS
REGIMES
SOCIOLOGY
SOVEREIGNTY
UNITED NATIONS
VOTING
WARFARE

POLLEN
0405 0409
GS PARTICLES
#POLLEN
RT AEROBIOLOGY
AIR POLLUTION
DUST
PLANTS (BOTANY)

POLLUTANTS
USE CONTAMINANTS

POLLUTION
0411 0505 0504
GS #POLLUTION
.ENVIRONMENT POLLUTION
..AIR POLLUTION
...GLOBAL AIR POLLUTION
...INDOOR AIR POLLUTION
..WATER POLLUTION
...OIL POLLUTION
.NOISE POLLUTION
.THERMAL POLLUTION
RT CLEAN FUELS
CONTAMINANTS
CONTAMINATION
DEBRIS
DECONTAMINATION
DISSIPATION
ELIMINATION
ENDANGERED SPECIES
ENERGY POLICY
ENVIRONMENT EFFECTS
ENVIRONMENT PROTECTION
ENVIRONMENTAL QUALITY
ENVIRONMENTAL SURVEYS
HUMAN WASTES
METABOLIC WASTES

```
        MICROCYSTIS
        MICROORGANISMS
        NONPOINT SOURCES
        OIL SLICKS
        POISONS
        PREVENTION
        PUBLIC HEALTH
        PURITY
        QUALITY
        RADIOACTIVE WASTES
        SMOKE ABATEMENT
        SOLID WASTES
        TOXICOLOGY
        WASTE DISPOSAL
        WASTES
        WATER
        WATER RECLAMATION
        WATER TREATMENT

POLLUTION CONTROL
  0504 0505 1406
  RT    AIR QUALITY
        BIOCHEMICAL OXYGEN DEMAND
      % CONTROL
        DEWATERING
        ENVIRONMENTAL SURVEYS
        FLUE GASES
        FLY ASH
        PARTICULATES

POLLUTION MONITORING
  1409 2001
  RT    AIR POLLUTION
        AIR QUALITY
        AMBIENCE
        ENVIRONMENT POLLUTION
        GLOBAL AIR POLLUTION
        GROUND STATIONS
        IN SITU MEASUREMENT
        MONITORS
        PARTICULATES
        WARNING SYSTEMS
        WATER POLLUTION

POLLUTION TRANSPORT
  1204
  UF    ATMOSPHERIC LOADING
  RT    AEROSOLS
        AIR POLLUTION
        ATMOSPHERIC CIRCULATION
        ATMOSPHERIC DIFFUSION
        COMBUSTION PRODUCTS
        DISPERSING
        ENVIRONMENT POLLUTION
        EXHAUST EMISSION
        EXHAUST GASES
        GAS TRANSPORT
        GASEOUS DIFFUSION
        GLOBAL AIR POLLUTION
        PLUMES
        THERMAL POLLUTION
        TRACE CONTAMINANTS
        TRANSPORT PROPERTIES
        TRANSPORT THEORY
        WATER CIRCULATION
        WATER POLLUTION

POLOIDAL FLUX
  1601
  RT    MAGNETIC FIELD CONFIGURATIONS
        TOKAMAK DEVICES
        TOROIDAL PLASMAS

POLONIUM
  1204 2406
  GS    CHEMICAL ELEMENTS
        .METALLOIDS
        .#POLONIUM
        ...POLONIUM ISOTOPES
        ....POLONIUM 208
        ....POLONIUM 209
        ....POLONIUM 210
  RT    METALS

POLONIUM COMPOUNDS
  0603 1804
  RT % CHEMICAL COMPOUNDS
     % GROUP 6A COMPOUNDS

POLONIUM ISOTOPES
  2406
  GS    CHEMICAL ELEMENTS
        .METALLOIDS
        ..POLONIUM
        ..#POLONIUM ISOTOPES
        ....POLONIUM 208
        ....POLONIUM 209
        ....POLONIUM 210
        .NUCLIDES
        ..ISOTOPES
        ..#POLONIUM ISOTOPES
        ....POLONIUM 208
        ....POLONIUM 209
        ....POLONIUM 210
  RT    METALS

POLONIUM 208
  0603 1703 2406
  GS    CHEMICAL ELEMENTS
        .METALLOIDS
        ..POLONIUM
        ...POLONIUM ISOTOPES
        ...#POLONIUM 208
        .NUCLIDES
        ..ISOTOPES
        ...POLONIUM ISOTOPES
        ...#POLONIUM 208
        ...RADIOACTIVE ISOTOPES
        ...#POLONIUM 208
  RT    METALS

POLONIUM 209
  1703 2406
  GS    CHEMICAL ELEMENTS
        .METALLOIDS
        ..POLONIUM
        ...POLONIUM ISOTOPES
        ...#POLONIUM 209
        .NUCLIDES
        ..ISOTOPES
        ...POLONIUM ISOTOPES
        ...#POLONIUM 209
        ...RADIOACTIVE ISOTOPES
        ...#POLONIUM 209
  RT    METALS

POLONIUM 210
  1703 2406
  GS    CHEMICAL ELEMENTS
        .METALLOIDS
        ..POLONIUM
        ...POLONIUM ISOTOPES
        ...#POLONIUM 210
        .NUCLIDES
        ..ISOTOPES
        ...POLONIUM ISOTOPES
        ...#POLONIUM 210
        ...RADIOACTIVE ISOTOPES
        ...#POLONIUM 210
  RT    METALS

POLYACETYLENE
  0403
  RT    CONDUCTING POLYMERS
        SEMICONDUCTORS (MATERIALS)

POLYACRYLATES
  USE   ACRYLIC RESINS

POLYACRYLONITRILE
  1810
  UF    PAN (POLYACRYLONITRILE)
  GS    NITRILES
        .ACRYLONITRILES
        .#POLYACRYLONITRILE
```

```
  RT    ACRYLIC RESINS
        CARBON FIBERS
      % POLYMERS
        SYNTHETIC FIBERS

POLYAMIDE RESINS
  1504 1802 1808 1810
  UF    NYLON RESINS
  GS    PLASTICS
        .SYNTHETIC RESINS
        ..THERMOSETTING RESINS
        ...FURAN RESINS
        ...#POLYAMIDE RESINS
        .....KEVLAR (TRADEMARK)
        RESINS
        .SYNTHETIC RESINS
        ..THERMOSETTING RESINS
        ...FURAN RESINS
        ...#POLYAMIDE RESINS
        .....KEVLAR (TRADEMARK)
  RT    ARAMID FIBER COMPOSITES
        ARAMID FIBERS

POLYATOMIC GASES
  0603 2401 2404
  GS    GASES
        .MOLECULAR GASES
        .#POLYATOMIC GASES
        ...DIATOMIC GASES

POLYATOMIC MOLECULES
  0603 2404
  GS    MOLECULES
        #POLYATOMIC MOLECULES
        ..DIATOMIC MOLECULES
        ..TRIATOMIC MOLECULES
  RT    ATOMS
        BUCKMINSTERFULLERENE
        CHEMICAL BONDS
      % CHEMICAL COMPOUNDS
        FULLERENES
        IONS
        MOLECULAR STRUCTURE
        MOLECULAR WEIGHT
        POSITIVE IONS

POLYBENZIMIDAZOLE
  1808 1810
  RT    SYNTHETIC FIBERS

POLYBLENDS
  USE   POLYMER BLENDS

POLYBROMINATED BIPHENYLS
  0412
  UF    PBB
  GS    PHENYLS
        #POLYBROMINATED BIPHENYLS
        TOXINS AND ANTITOXINS
        #POLYBROMINATED BIPHENYLS
  RT    BROMINE COMPOUNDS
        FLAME RETARDANTS
        POLYCHLORINATED BIPHENYLS

POLYBUTADIENE
  1808 1810
  GS    ORGANIC COMPOUNDS
        .HYDROCARBONS
        ..ALIPHATIC HYDROCARBONS
        ...DIENES
        ...#POLYBUTADIENE
        PLASTICS
        #POLYBUTADIENE
  RT    ADDITION RESINS
        BLOCK COPOLYMERS
        BUTADIENE
        HTPB PROPELLANTS
        SYNTHETIC RUBBERS

POLYBUTADIENE TETRANITRAMINE
  1808 2809
  GS    NITROGEN COMPOUNDS
        .NITRO COMPOUNDS
        .#POLYBUTADIENE TETRANITRAMINE
  RT    PLASTIC PROPELLANTS

POLYCARBONATES
  1808
  GS    CARBON COMPOUNDS
        .CARBONATES
        .#POLYCARBONATES
        ...LEXAN (TRADEMARK)
        ESTERS
        #POLYCARBONATES
        ..LEXAN (TRADEMARK)
  RT    POLYCARBOSILANES
      % POLYMERS

POLYCARBOSILANES
  0603 1804
  RT    CERAMIC FIBERS
        ORGANOMETALLIC POLYMERS
        POLYCARBONATES
        POLYSILANES
        SILANES
        SILICON CARBIDES
        SILICON POLYMERS

POLYCHLORINATED BIPHENYLS
  0602
  UF    PCB
  GS    PHENYLS
        #POLYCHLORINATED BIPHENYLS
  RT    POLYBROMINATED BIPHENYLS

POLYCRYSTALS
  1704 2601
  GS    CRYSTALS
        #POLYCRYSTALS
  RT    BICRYSTALS
        CRYSTAL STRUCTURE
        SINGLE CRYSTALS

POLYCYTHEMIA
  0405 0406
  RT    HEMOGLOBIN
        HEMOLYSIS
        HEMORRHAGES
        SPLEEN

POLYESTER RESINS
  1808 1810
  GS    PLASTICS
        .SYNTHETIC RESINS
        .#POLYESTER RESINS
        RESINS
        .SYNTHETIC RESINS
        .#POLYESTER RESINS
  RT    DACRON (TRADEMARK)
        THERMOSETTING RESINS

POLYESTERS
  1808 1810
  GS    ESTERS
        #POLYESTERS
  RT  % POLYMERS
        SYNTHETIC FIBERS

POLYETHER RESINS
  1808 1809 1810
  GS    PLASTICS
        .SYNTHETIC RESINS
        .#POLYETHER RESINS
        ...PEEK
        ...POLYMETHYL METHACRYLATE
        RESINS
        .SYNTHETIC RESINS
        .#POLYETHER RESINS
        ...PEEK
        ...POLYMETHYL METHACRYLATE
  RT    VULCANIZED ELASTOMERS

POLYETHERETHERKETONES
  USE   PEEK
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POLYETHYLENE TEREPHTHALATE
  1808 1810
  GS    ESTERS
        #POLYETHYLENE TEREPHTHALATE
        PLASTICS
        .POLYETHYLENES
        .#POLYETHYLENE TEREPHTHALATE
        TEREPHTHALATE
        #POLYETHYLENE TEREPHTHALATE
  RT    ADDITION RESINS
        MYLAR (TRADEMARK)
      % POLYMERS

POLYETHYLENES
  1808 1810
  GS    PLASTICS
        #POLYETHYLENES
        ..POLYETHYLENE TEREPHTHALATE
  RT    ADDITION RESINS
        ETHYLENE
        SYNTHETIC RESINS
        THERMOPLASTIC RESINS

POLYGONIZATION
  1704 2601
  RT    CRYSTAL DEFECTS
        CRYSTAL GROWTH
        RECRYSTALLIZATION

POLYGONS
  1902
  GS    GEOMETRY
        .EUCLIDEAN GEOMETRY
        .#POLYGONS
        ...HEXAGONS
        ...TETRAGONS
        ....PARALLELOGRAMS
        .....RHOMBOIDS
        ....RECTANGLES
        ....SQUARES (MATHEMATICS)
        ....TRAPEZOIDS
        ...TRIANGLES
  RT    POLYTOPES

POLYHEDRONS
  1902 2601
  GS    GEOMETRY
        .EUCLIDEAN GEOMETRY
        .#POLYHEDRONS
        ...CUBES (MATHEMATICS)
        ...ICOSAHEDRONS
        ...OCTAHEDRONS
        ...PARALLELEPIPEDS
        ...PYRAMIDS
        ...RHOMBOHEDRONS
        ...TETRAHEDRONS
  RT    BUCKMINSTERFULLERENE
        FULLERENES
        POLYTOPES

POLYIMIDE RESINS
  1809 1810
  GS    RESINS
        #POLYIMIDE RESINS
  RT    BISMALEIMIDE
        POLYIMIDES
        RESIN MATRIX COMPOSITES

POLYIMIDES
  1808 1810
  GS    NITROGEN COMPOUNDS
        .AMIDES
        .#POLYIMIDES
        ...BISMALEIMIDE
  RT    POLYIMIDE RESINS

POLYISOBUTYLENE
  1808 1810
  GS    PLASTICS
        #POLYISOBUTYLENE
  RT    ADDITION RESINS
        SYNTHETIC RUBBERS

POLYISOPRENES
  1805 1808 1810
  RT % POLYMERS
        RUBBER
        SYNTHETIC RUBBERS

POLYMER ALLOYS
  USE   POLYMER BLENDS

POLYMER BLENDS
  1810
  UF    POLYBLENDS
        POLYMER ALLOYS
  GS    MIXTURES
        #POLYMER BLENDS
  RT    COPOLYMERS
        POLYMER PHYSICS
      % POLYMERS
        THERMOPLASTIC RESINS

POLYMER CHEMISTRY
  0603 1808 1810
  RT    BIOPOLYMER DENATURATION
      % CHEMISTRY
        GLASS TRANSITION TEMPERATURE
        OLIGOMERS
        PHOSPHAZENE
        POLYMER PHYSICS
      % POLYMERS
        POLYWATER

POLYMER MATRIX COMPOSITES
  1810
  GS    COMPOSITE MATERIALS
        #POLYMER MATRIX COMPOSITES
        ..EPOXY MATRIX COMPOSITES
        ...BORON-EPOXY COMPOSITES
        ..GRAPHITE-POLYIMIDE COMPOSITES
        ..REINFORCED PLASTICS
        ...CARBON FIBER REINFORCED PLASTICS
        ...GLASS FIBER REINFORCED PLASTICS
        ...MICARTA
  RT    ARAMID FIBER COMPOSITES
        BISMALEIMIDE
        BORON FIBERS
      % CONSTRUCTION MATERIALS
        FIBER COMPOSITES
        HYBRID COMPOSITES
        LAMINATES
      % MATERIALS
      % MATRICES
        MATRIX MATERIALS
        PEEK
      % POLYMERS
        PULTRUSION
        RESIN MATRIX COMPOSITES
        RESIN TRANSFER MOLDING
        SHEET MOLDING COMPOUNDS

POLYMER PHYSICS
  1808 1810 2404
  RT    GLASS TRANSITION TEMPERATURE
      % PHYSICS
        POLYMER BLENDS
        POLYMER CHEMISTRY
      % POLYMERS
        POLYWATER
      % SCIENCE

POLYMERIC FILMS
  1809
  UF    PLASTIC FILMS
  GS   #POLYMERIC FILMS
        .KAPTON (TRADEMARK)
        .MYLAR (TRADEMARK)
  RT    CASTING
        CONDUCTING POLYMERS
        FIBERS
      % FILMS
        LANGMUIR-BLODGETT FILMS
        NYLON (TRADEMARK)
        PHOTOGRAPHIC FILM
```

PLASTIC COATINGS
% SHEETS

POLYMERIZATION
1808 1810
GS SYNTHESIS (CHEMISTRY)
#POLYMERIZATION
..COPOLYMERIZATION
..DIMERIZATION
RT CHEMICAL REACTIONS
COUPLED MODES
DEPOLYMERIZATION
OLIGOMERS
QUINOXALINES
REFINING
% SETTING
ZIEGLER CATALYST

% POLYMERS
1810
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BIOPOLYMERS
BLOCK COPOLYMERS
CELLOPHANE
CONDUCTING POLYMERS
COORDINATION POLYMERS
COPOLYMERIZATION
COPOLYMERS
ELASTOMERS
FLUOROPOLYMERS
FORMICA
GLYCIDYL AZIDE POLYMER
HIGH POLYMERS
KAPTON (TRADEMARK)
KEL-F
LEXAN (TRADEMARK)
LIGNIN
MACROMOLECULES
METALLOSILOXANE POLYMER
METALLOXANE POLYMER
METHYL POLYSILOXANES
MICARTA
MONOMERS
MYLAR (TRADEMARK)
NITROGEN POLYMERS
NYLON (TRADEMARK)
OLIGOMERS
ORGANIC MATERIALS
ORGANOMETALLIC POLYMERS
PHOSPHORUS POLYMERS
PLASTICS
POLYACRYLONITRILE
POLYCARBONATES
POLYESTERS
POLYETHYLENE TEREPHTHALATE
POLYISOPRENES
POLYMER BLENDS
POLYMER CHEMISTRY
POLYMER MATRIX COMPOSITES
POLYMER PHYSICS
POLYQUINOXALINES
POLYSILANES
POLYSILOXANES
POLYTETRAFLUOROETHYLENE
POLYURETHANE FOAM
POLYVINYL FLUORIDE
PREPOLYMERS
PYRRONES (TRADEMARK)
SILICON POLYMERS
SILICONES
SILOXANES
SOLITHANES
STYROFOAM (TRADEMARK)
SYNTHETIC RESINS
TEFLON (TRADEMARK)
VINYL COPOLYMERS
VINYL POLYMERS

POLYMETHYL METHACRYLATE
0202 0603 1805 1808 1809 1810 2310
UF LUCITE (TRADEMARK)
PLEXIGLASS (TRADEMARK)
GS PLASTICS
.SYNTHETIC RESINS
..POLYETHER RESINS
..#POLYMETHYL METHACRYLATE RESINS
.SYNTHETIC RESINS
..POLYETHER RESINS
..#POLYMETHYL METHACRYLATE

POLYMORPHISM
1704 2601
GS MORPHOLOGY
#POLYMORPHISM
RT ALLOTROPY
CRYSTAL LATTICES
CRYSTAL STRUCTURE
% PHYSICAL PROPERTIES

POLYNOMIALS
1902
GS ALGEBRA
#POLYNOMIALS
..BINOMIALS
..DYADICS
..HERMITIAN POLYNOMIAL
RT COEFFICIENTS
CUBIC EQUATIONS
EIGENVALUES
EIGENVECTORS
% EQUATIONS
LINEAR EQUATIONS
NONLINEAR EQUATIONS
QUADRATIC EQUATIONS
ROOTS OF EQUATIONS
SHAPE FUNCTIONS

POLYNUCLEAR ORGANIC COMPOUNDS
0603
GS ORGANIC COMPOUNDS
#POLYNUCLEAR ORGANIC COMPOUNDS
RT AIR POLLUTION
% CHEMICAL COMPOUNDS
PETROLEUM PRODUCTS
PURIFICATION

POLYNUCLEOTIDES
0403
GS ORGANIC COMPOUNDS
.NUCLEOTIDES
.#POLYNUCLEOTIDES
PHOSPHORUS COMPOUNDS
.PHOSPHATES
.#POLYNUCLEOTIDES
RT BIOPOLYMERS
PROTEINS
RIBONUCLEIC ACIDS

POLYORGANOSILOXANES
USE POLYSILOXANES

POLYOT SATELLITES
3107
GS ARTIFICIAL SATELLITES
#POLYOT SATELLITES

POLYPEPTIDES
0403
GS ORGANIC COMPOUNDS
.PEPTIDES
.#POLYPEPTIDES
...GLUTATHIONE
...HYPERTENSIN
RT AMINO ACIDS
BIOPOLYMERS
PROTEINS

POLYPHENYL ETHER
1808 1810
GS ETHERS
#POLYPHENYL ETHER

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POLYPHENYLS
  1808 1810
  GS   PHENYLS
       #POLYPHENYLS
       ..TETRAPHENYLS
       ..TRIPHENYLS

POLYPROPYLENE
  1808 1810
  GS   PLASTICS
       #POLYPROPYLENE
  RT   ADDITION RESINS
       SYNTHETIC RESINS

POLYQUINOXALINES
  0603 1810
  RT % CHEMICAL COMPOUNDS
     % POLYMERS

POLYSACCHARIDES
  0403 1808
  GS   ORGANIC COMPOUNDS
       .CARBOHYDRATES
       .#POLYSACCHARIDES
       ...CELLULOSE
       ....FORTISAN (TRADEMARK)
       ...CHITIN
       ...DEXTRANS
       ...GLYCOGENS
       ...STARCHES
  RT   GUMS (SUBSTANCES)

POLYSILANES
  0603 1804
  UF   OXOSILANES
  RT   ORGANOMETALLIC POLYMERS
       POLYCARBOSILANES
     % POLYMERS
       SILANES

POLYSILOXANES
  0603 1804
  UF   POLYORGANOSILOXANES
  GS  #POLYSILOXANES
       .METHYL POLYSILOXANES
  RT % POLYMERS
       SILICON COMPOUNDS
       SILOXANES

POLYSLIPS
  0603 1805
  RT % SLIP

POLYSTATION DOPPLER TRACKING SYSTEM
  0709
  GS   STATIONS
       .GROUND STATIONS
       .#POLYSTATION DOPPLER TRACKING
         SYSTEM
       .TRACKING STATIONS
       .#POLYSTATION DOPPLER TRACKING
         SYSTEM
       TRACKING (POSITION)
       #POLYSTATION DOPPLER TRACKING
        SYSTEM
       TRACKING NETWORKS
       #POLYSTATION DOPPLER TRACKING
        SYSTEM
  RT   DOPPLER RADAR
       MISSILE TRACKING
       PULSE RADAR
       RADAR NETWORKS
       SATELLITE DOPPLER POSITIONING
       SPACE DETECTION AND TRACKING SYSTEM
       SPACECRAFT TRACKING
     % SYSTEMS

POLYSTYRENE
  1808 1810
  GS   PLASTICS
       #POLYSTYRENE
       ..STYROFOAM (TRADEMARK)
       STYRENES
       #POLYSTYRENE
       ..STYROFOAM (TRADEMARK)
  RT   ADDITION RESINS
       BLOCK COPOLYMERS
       SANTOWAX (TRADEMARK)
       SYNTHETIC RESINS
       THERMOPLASTIC RESINS

POLYSULFIDES
  0603 1808 1810
  GS   CHALCOGENIDES
       .SULFIDES
       ..INORGANIC SULFIDES
       ..#POLYSULFIDES
       SULFUR COMPOUNDS
       .SULFIDES
       ..INORGANIC SULFIDES
       ..#POLYSULFIDES
  RT   COMPOSITE PROPELLANTS

POLYTETRAFLUOROETHYLENE
  1802 1808 1810
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORO COMPOUNDS
       ...DIFLUORO COMPOUNDS
       ...#POLYTETRAFLUOROETHYLENE
       .....TEFLON (TRADEMARK)
       PLASTICS
       #POLYTETRAFLUOROETHYLENE
       ..TEFLON (TRADEMARK)
  RT % POLYMERS
       SYNTHETIC RESINS

POLYTOPES
  1203 2311
  RT   ANALYTIC GEOMETRY
       EUCLIDEAN GEOMETRY
       HYPERPLANES
       POLYGONS
       POLYHEDRONS

POLYTROPIC PROCESSES
  1203 1408 3304
  RT   ADIABATIC CONDITIONS
     % ISOBARS
       THERMODYNAMICS

POLYURETHANE FOAM
  1802 1808 1810
  RT   FOAMS
       LOW DENSITY MATERIALS
     % POLYMERS
       SOILS
       SPONGES (MATERIALS)

POLYURETHANE RESINS
  1802 1808 1810
  GS   RESINS
       #POLYURETHANE RESINS
  RT   COMPOSITE PROPELLANTS

POLYVINYL ALCOHOL
  1808 1810
  GS   HYDROXYL COMPOUNDS
       .ALCOHOLS
       .#POLYVINYL ALCOHOL
       PLASTICS
       #POLYVINYL ALCOHOL
  RT   ADDITION RESINS
       SYNTHETIC RESINS
       VINYL POLYMERS

POLYVINYL CHLORIDE
  1808 1810
  UF   GEON (TRADEMARK)
  GS   PLASTICS
       #POLYVINYL CHLORIDE
  RT   ADDITION RESINS
       CHLORIDES
       SYNTHETIC RESINS
       TETRAHYDROFURAN
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        VINYL POLYMERS

POLYVINYL FLUORIDE
  0603
  UF    TEDLAR (TRADEMARK)
  GS    HALOGEN COMPOUNDS
        .FLUORINE COMPOUNDS
        ..FLUORIDES
        ..#POLYVINYL FLUORIDE
        ORGANIC COMPOUNDS
        .FLUORINE ORGANIC COMPOUNDS
        ..FLUOROPOLYMERS
        ..#POLYVINYL FLUORIDE
        PLASTICS
        #POLYVINYL FLUORIDE
        VINYL POLYMERS
        #POLYVINYL FLUORIDE
  RT %  POLYMERS

POLYWATER
  0505 1808 2404
  GS    WATER
        #POLYWATER
  RT    ATOMIC STRUCTURE
        CHEMICAL BONDS
        MOLECULAR STRUCTURE
        POLYMER CHEMISTRY
        POLYMER PHYSICS

POMERANCHUK THEOREM
  1902 2311 2401 2403 2405
  GS    THEOREMS
        #POMERANCHUK THEOREM
  RT    ANTIPARTICLES
        DEUTERONS
        DIFFRACTION PATTERNS
        EIKONAL EQUATION
        ELASTIC SCATTERING
        ELECTRONS
        ELEMENTARY PARTICLES
        FIELD THEORY (PHYSICS)
        FREDHOLM EQUATIONS
        GLAUBER THEORY
        HIGH ENERGY INTERACTIONS
        KAONS
        MESONS
        NUCLEON-NUCLEON SCATTERING
        POMERONS
        REGGE POLES
        SCATTERING CROSS SECTIONS

POMERONS
  2202 2403 2404 2405
  RT    NUCLEAR REACTIONS
        POMERANCHUK THEOREM
        PROTON-PROTON REACTIONS
        REGGE POLES
        SCATTERING CROSS SECTIONS

PONDEROMOTIVE FORCES
  2304 2307 2502
  GS    ELECTROMOTIVE FORCES
        #PONDEROMOTIVE FORCES
  RT    ELECTRODYNAMICS
      % FORCE
        LORENTZ FORCE
        RELATIVISTIC PLASMAS
        RELATIVITY

PONDS
  1305
  RT    AQUIFERS
        GREAT SALT LAKE (UT)
        IRRIGATION
        LAGOONS
        LAKES
        LIMNOLOGY
        LIQUID WASTES
        RESERVOIRS
        SOLAR PONDS (HEAT STORAGE)
        SURFACE WATER
        WASTE DISPOSAL
        WATER RESOURCES
        WATERSHEDS
        WINDPOWERED PUMPS

PONTIAC (MI)
  1305
  GS    CITIES
        #PONTIAC (MI)
  RT    MICHIGAN

PONTRYAGIN PRINCIPLE
  0503 0802 1902
  RT    CALCULUS OF VARIATIONS
        MAXIMUM PRINCIPLE
        OPTIMIZATION
        REACTION TIME

POPULATION INVERSION
  1002 1601 2403
  GS    INVERSIONS
        #POPULATION INVERSION
  RT    ELECTRON PUMPING
        ENERGY LEVELS
        MOLECULAR RELAXATION
        NITROGEN LASERS
        NUCLEAR PUMPING
        POPULATIONS
        STIMULATED EMISSION

POPULATION THEORY
  1902 3406
  RT    POPULATIONS
        PROBABILITY THEORY
      % THEORIES

POPULATIONS
  1905 2403
  RT    BIOMASS
        DISCRIMINANT ANALYSIS (STATISTICS)
        POPULATION INVERSION
        POPULATION THEORY
        PREDATORS
      % STATISTICS

PORCELAIN
  1801 1805
  GS    CERAMICS
        #PORCELAIN
        REFRACTORY MATERIALS
        #PORCELAIN
  RT    CERAMIC COATINGS
        ENAMELS
        GLASS
        GLAZES
        SILICON DIOXIDE
        VITREOUS MATERIALS
        VITRIFICATION

PORES
  USE   POROSITY

POROSITY
  3408
  UF    PORES
  GS   #POROSITY
        .MICROPOROSITY
  RT    AQUIFERS
        BUOYANCY
        COMPRESSIBILITY
        DEFECTS
      % DENSITY
        DENSITY (MASS/VOLUME)
        FORMATIONS
        GAS INJECTION
        HOLE DISTRIBUTION (MECHANICS)
        HYGRAL PROPERTIES
        IMPREGNATING
        INFILTRATION
        INTERSTICES
        LEAKAGE
        MOISTURE RESISTANCE
        PERMEABILITY
        PERMEATING
```

```
      PINHOLES
      POROUS BOUNDARY LAYER CONTROL
      POROUS MATERIALS
      POROUS PLATES
    % PROPERTIES
      SINTERING
      TEXTURES
      VOID RATIO
      VOIDS
      WETTABILITY

POROUS AIRFOILS
  USE POROUS BOUNDARY LAYER CONTROL

POROUS BOUNDARY LAYER CONTROL
  1202 3303 3501
  UF  POROUS AIRFOILS
  GS  BOUNDARY LAYER CONTROL
      #POROUS BOUNDARY LAYER CONTROL
  RT % CONTROL
      CONVECTIVE FLOW
      EKMAN LAYER
      FREE CONVECTION
      HOLES (MECHANICS)
      MASS TRANSFER
      PERFORATED PLATES
      POROSITY
      WINGS

POROUS MATERIALS
  0604 1704 1801
  RT  AEROGELS
      BRITTLE MATERIALS
    % CELLS
      HONEYCOMB STRUCTURES
      INTERSTICES
      LOW DENSITY MATERIALS
    % MATERIALS
      METAL POWDER
      POROSITY
      POWDER METALLURGY
      SANDS
      SOILS
      SPONGES (MATERIALS)

POROUS PLATES
  0604 0903 1704
  GS  STRUCTURAL MEMBERS
      .PLATES (STRUCTURAL MEMBERS)
      .#POROUS PLATES
  RT  LOW DENSITY MATERIALS
      POROSITY

POROUS WALLS
  1203 1803 3303 3501
  GS  WALLS
      #POROUS WALLS
  RT % DIFFUSERS

PORPHINES
  0403 1808
  GS  ORGANOMETALLIC COMPOUNDS
      #PORPHINES
  RT  CHLOROPHYLLS
      HEMOGLOBIN

PORPHYRA
  0404 1305
  GS  PLANTS (BOTANY)
      .ALGAE
      .#PORPHYRA

PORPHYRINS
  0402 0403 0404 0406 0409 1808
  GS  #PORPHYRINS
      .CHLOROPHYLLS
  RT  HEMOGLOBIN

PORPOISES
  0402 0404
  GS  ANIMALS
      .VERTEBRATES
      ..MAMMALS
      ...MARINE MAMMALS
      ...#PORPOISES

PORTABLE EQUIPMENT
  3404
  RT % EQUIPMENT
      LIXISCOPES
      LOGISTICS
      MOBILITY
      STOWAGE (ONBOARD EQUIPMENT)

PORTABLE LIFE SUPPORT SYSTEMS
  0504 0505 0507
  UF  PLSS
  GS  SUPPORT SYSTEMS
      .LIFE SUPPORT SYSTEMS
      .#PORTABLE LIFE SUPPORT SYSTEMS
      ...AEPS
      ...IMLSS
  RT  ARGON-OXYGEN ATMOSPHERES
      BIOPAKS
      BREATHING APPARATUS
      EMERGENCY LIFE SUSTAINING SYSTEMS
      HELIUM-OXYGEN ATMOSPHERES
      OXYGEN MASKS
      PRESSURE SUITS
    % SYSTEMS

% PORTS
  0102 0202 1101 1103 1104 1105 3110
  3202
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  AIRPORTS
      DRYDOCKS
      HARBORS
      PORTS (OPENINGS)
      SHIPYARDS
      WHARVES

PORTS (OPENINGS)
  3203
  GS  OPENINGS
      #PORTS (OPENINGS)
  RT  APERTURES
      CAVITIES
      DUCTS
      EXHAUST SYSTEMS
      ORIFICES
      OUTLETS
    % PORTS
      VENTS
    % WINDOWS
      WINDOWS (APERTURES)

PORTUGAL
  1305
  GS  NATIONS
      #PORTUGAL
      ..AZORES
  RT  EUROPE
      PORTUGUESE SPACE PROGRAM

PORTUGUESE SPACE PROGRAM
  3409
  GS  PROGRAMS
      .SPACE PROGRAMS
      ..EUROPEAN SPACE PROGRAMS
      ..#PORTUGUESE SPACE PROGRAM
  RT  PORTUGAL

POSEIDON MISSILES
  3101 3401
  GS  MISSILES
      .BALLISTIC MISSILES
      .#POSEIDON MISSILES
      .SURFACE TO SURFACE MISSILES
      ..FLEET BALLISTIC MISSILES
      ..#POSEIDON MISSILES
  RT  BALLISTIC MISSILE SUBMARINES
      GUIDED MISSILE SUBMARINES
```

SEA LAUNCHING

POSEIDON SATELLITE
3107
GS ARTIFICIAL SATELLITES
.FRENCH SATELLITES
.#POSEIDON SATELLITE
RT TOPEX

% POSITION
1902 2103 2311 3009 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ATTITUDE (INCLINATION)
POSITION (LOCATION)
POSITION (TITLE)

POSITION (LOCATION)
2103 3009
UF LOCALIZATION
LOCATION
GS #POSITION (LOCATION)
.SOLAR POSITION
RT ALTITUDE
ASTROLABES
AZIMUTH
BEARING (DIRECTION)
COLLATING
COLLOCATION
COORDINATES
DETECTION
DISTANCE
EPHEMERIDES
EXPOSURE
% FIXING
GEOMETRY
LATITUDE
LONGITUDE
MISALIGNMENT
NAVIGATION
ORBITAL POSITION ESTIMATION
% ORIENTATION
% POINTS
POSITION ERRORS
POSITION SENSING
POSITIONING
RADAR BEACONS
SITES
SOUND RANGING
SPATIAL DISTRIBUTION
SPHERICAL COORDINATES
STATIONS
SURVEYS
TRACKING (POSITION)

POSITION (TITLE)
3406
RT EMPLOYEE RELATIONS
EVALUATION
% GRADE
PERSONNEL
% POSITION
RATINGS

POSITION ERRORS
1904 2102 2103
GS ERRORS
#POSITION ERRORS
..BORESIGHT ERROR
RT ASTROLABES
ERROR SIGNALS
NAVIGATION
OPTICAL CORRECTION PROCEDURE
ORBITAL POSITION ESTIMATION
POSITIONING
VELOCITY ERRORS

POSITION INDICATORS
2104 2807 3107
GS DISPLAY DEVICES
#POSITION INDICATORS
..PLAN POSITION INDICATORS
..RADIO DIRECTION FINDERS
..SPACECRAFT POSITION INDICATORS
MEASURING INSTRUMENTS
.INDICATING INSTRUMENTS
.#POSITION INDICATORS
...PLAN POSITION INDICATORS
...RADIO DIRECTION FINDERS
...SPACECRAFT POSITION INDICATORS
RT AIRCRAFT INSTRUMENTS
ALTIMETERS
BEACONS
DISTANCE MEASURING EQUIPMENT
FLIGHT INSTRUMENTS
GLOBAL POSITIONING SYSTEM
HEAD-UP DISPLAYS
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
PLOTTERS
POSITION SENSING
RANGE FINDERS
ROCKET-BORNE INSTRUMENTS
SEXTANTS
SOLAR COMPASSES
SOUND LOCALIZATION

POSITION SENSING
2104
RT COMPUTER VISION
ELECTRO-OPTICS
POSITION (LOCATION)
POSITION INDICATORS
ROBOTICS

POSITIONING
3006
RT ADJUSTING
ALIGNMENT
AMBIGUITY
COLLATING
COLLOCATION
DISPLACEMENT
DISTRIBUTING
% DISTRIBUTION
EXPOSURE
FITTING
% FIXING
GLOBAL POSITIONING SYSTEM
INSTRUMENT ORIENTATION
% JOINING
LATITUDE MEASUREMENT
LONGITUDE MEASUREMENT
LOOK ANGLES (ELECTRONICS)
NAVIGATION
% ORIENTATION
PLY ORIENTATION
POSITION (LOCATION)
POSITION ERRORS
RADIO NAVIGATION
RELOCATION
SATELLITE DOPPLER POSITIONING
% SETTING
SPACING
STATIONKEEPING

POSITIONING DEVICES (MACHINERY)
0904 1412 2104 3006
GS #POSITIONING DEVICES (MACHINERY)
.BOOMS (EQUIPMENT)
.CAMS
.JIGS
RT % DEVICES
HOLDERS
JACKS (LIFTS)
% MACHINERY
SLEWING

POSITIVE FEEDBACK
0408 0503 1003
UF REGENERATIVE FEEDBACK
GS FEEDBACK
#POSITIVE FEEDBACK
RT AMPLIFICATION

FEEDBACK AMPLIFIERS
MULTIVIBRATORS
NONLINEAR FEEDBACK
OSCILLATORS
REGENERATION (ENGINEERING)
SELF OSCILLATION
TRANSFER FUNCTIONS

POSITIVE IONS
0603
GS IONS
#POSITIVE IONS
..CATIONS
...FORMYL IONS
...VANADYL RADICAL
..HYDRONIUM IONS
RT ATOMS
HYDROGEN IONS
ION DENSITY (CONCENTRATION)
IONIC MOBILITY
IONOSPHERIC ION DENSITY
MAGNETOSPHERIC ION DENSITY
METAL IONS
MOLECULAR IONS
MONATOMIC MOLECULES
POLYATOMIC MOLECULES
PROTONS
TRIVALENT IONS
VALENCE

POSITRON ANNIHILATION
2403 2405
UF ELECTRON-POSITRON ANNIHILATION
GS ANNIHILATION REACTIONS
#POSITRON ANNIHILATION
RT ANTIPARTICLES
ELECTRON-POSITRON PAIRS
ELEMENTARY PARTICLES
MATTER-ANTIMATTER PROPULSION
NUCLEAR PARTICLES
PAIR PRODUCTION
PARTICLES

POSITRONIUM
2403 2405
RT ATOMS
EXCITONS

POSITRONS
2403 2405
GS ANTIMATTER
.ANTIPARTICLES
.#POSITRONS
PARTICLES
.CHARGED PARTICLES
.#POSITRONS
.ELEMENTARY PARTICLES
..ANTIPARTICLES
..#POSITRONS
.NUCLEAR PARTICLES
..ANTIPARTICLES
..#POSITRONS
RT ELECTRON-POSITRON PAIRS
ELECTRON-POSITRON PLASMAS
PAIR PRODUCTION

POST BOOST PROPULSION SYSTEM
2802 2808 3106
RT ASCENT TRAJECTORIES
PROPULSION
PROPULSION SYSTEM CONFIGURATIONS
ROCKET ENGINES
SPACECRAFT PROPULSION
% SYSTEMS
TRAJECTORY CONTROL

POST-BLAST NUCLEAR RADIATION
0411 2205 2405
GS NUCLEAR RADIATION
#POST-BLAST NUCLEAR RADIATION
RT FALLOUT
HALF LIFE
RADIANT FLUX DENSITY
% RADIATION
RADIATION EFFECTS
RADIOACTIVE DECAY
RADIOACTIVITY
VELA SATELLITES

POSTAMPLIFIERS
0701 0705 0905
GS AMPLIFIERS
#POSTAMPLIFIERS
RT PREAMPLIFIERS

POSTERIOR SECTIONS
0404
RT ANATOMY
DORSAL SECTIONS

POSTFLIGHT ANALYSIS
0101 0201 0804 1904
RT % ANALYZING
% PERFORMANCE
POSTMISSION ANALYSIS (SPACECRAFT)

POSTLAUNCH REPORTS
3405
GS DOCUMENTS
#POSTLAUNCH REPORTS
REPORTS
#POSTLAUNCH REPORTS
RT PRELAUNCH SUMMARIES
SPACECRAFT LAUNCHING
SPACECRAFT PERFORMANCE
SUMMARIES

POSTMISSION ANALYSIS (SPACECRAFT)
0101
RT FLIGHT TESTS
POSTFLIGHT ANALYSIS

POSTULATES
USE AXIOMS

POSTURE
0401 0405 0408
RT HUMAN BODY
ORTHOSTATIC TOLERANCE
PHYSICAL FITNESS

POTABLE LIQUIDS
0505 0507
GS LIQUIDS
#POTABLE LIQUIDS
..BEVERAGES
...WINES
..POTABLE WATER
RT PURITY

POTABLE WATER
0401 0505 0507
GS LIQUIDS
.POTABLE LIQUIDS
.#POTABLE WATER
WATER
#POTABLE WATER
RT COLD WATER
CONSERVATION
CONSUMABLES (SPACECREW SUPPLIES)
DROUGHT
FRESH WATER
GROUND WATER
LIMNOLOGY
MODULAR INTEGRATED UTILITY SYSTEM
OASES
PURIFICATION
SANITATION
SPRINGS (WATER)
WATER MANAGEMENT
WATER RESOURCES
WATER TABLES
WATER TREATMENT

POTASSIUM

```
  1703
  GS    CHEMICAL ELEMENTS
        .ALKALI METALS
        .#POTASSIUM
        ...LIQUID POTASSIUM
        ...POTASSIUM ISOTOPES
        ....POTASSIUM 38
        ....POTASSIUM 39
        ....POTASSIUM 40
        METALS
        .ALKALI METALS
        .#POTASSIUM
        ...LIQUID POTASSIUM
        ...POTASSIUM ISOTOPES
        ....POTASSIUM 38
        ....POTASSIUM 39
        ....POTASSIUM 40
  RT    ELECTROLYTE METABOLISM
        KREEP

POTASSIUM ALLOYS
  0603 1701
  GS    ALLOYS
        #POTASSIUM ALLOYS

POTASSIUM BROMIDES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .BROMINE COMPOUNDS
        ..BROMIDES
        ..#POTASSIUM BROMIDES
        .HALIDES
        ..BROMIDES
        ..#POTASSIUM BROMIDES
        ..METAL HALIDES
        ..#POTASSIUM BROMIDES
        POTASSIUM COMPOUNDS
        #POTASSIUM BROMIDES

POTASSIUM CHLORIDES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .CHLORINE COMPOUNDS
        ..CHLORIDES
        ..#POTASSIUM CHLORIDES
        .HALIDES
        ..CHLORIDES
        ..#POTASSIUM CHLORIDES
        ..METAL HALIDES
        ..#POTASSIUM CHLORIDES
        POTASSIUM COMPOUNDS
        #POTASSIUM CHLORIDES

POTASSIUM CHROMATES
  0603 1804
  GS    CHROMIUM COMPOUNDS
        .CHROMATES
        .#POTASSIUM CHROMATES
        POTASSIUM COMPOUNDS
        #POTASSIUM CHROMATES

POTASSIUM COMPOUNDS
  0403 0603 1804
  GS   #POTASSIUM COMPOUNDS
        .ALUM
        .NEPHELINE
        .POTASSIUM BROMIDES
        .POTASSIUM CHLORIDES
        .POTASSIUM CHROMATES
        .POTASSIUM HYDRIDES
        .POTASSIUM HYDROXIDES
        .POTASSIUM IODIDES
        .POTASSIUM NITRATES
        .POTASSIUM OXIDES
        .POTASSIUM PERCHLORATES
        .POTASSIUM PEROXIDES
        .POTASSIUM PHOSPHATES
        .POTASSIUM SILICATES
  RT  % ALKALI METAL COMPOUNDS
      % CHEMICAL COMPOUNDS
      % METAL COMPOUNDS

POTASSIUM HYDRIDES
  0603 1807
  GS    HYDROGEN COMPOUNDS
        .HYDRIDES
        ..METAL HYDRIDES
        ..#POTASSIUM HYDRIDES
        POTASSIUM COMPOUNDS
        #POTASSIUM HYDRIDES

POTASSIUM HYDROXIDES
  0603 1804
  GS    BASES (CHEMICAL)
        .ALKALIES
        .#POTASSIUM HYDROXIDES
        HYDROXIDES
        #POTASSIUM HYDROXIDES
        POTASSIUM COMPOUNDS
        #POTASSIUM HYDROXIDES

POTASSIUM IODIDES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .HALIDES
        ..METAL HALIDES
        ...ALKALI HALIDES
        ...#POTASSIUM IODIDES
        .IODINE COMPOUNDS
        ..IODIDES
        ..#POTASSIUM IODIDES
        POTASSIUM COMPOUNDS
        #POTASSIUM IODIDES

POTASSIUM ISOTOPES
  2406
  GS    CHEMICAL ELEMENTS
        .ALKALI METALS
        ..POTASSIUM
        ..#POTASSIUM ISOTOPES
        ....POTASSIUM 38
        ....POTASSIUM 39
        ....POTASSIUM 40
        .NUCLIDES
        ..ISOTOPES
        ..#POTASSIUM ISOTOPES
        ....POTASSIUM 38
        ....POTASSIUM 39
        ....POTASSIUM 40
        METALS
        .ALKALI METALS
        ..POTASSIUM
        ..#POTASSIUM ISOTOPES
        ....POTASSIUM 38
        ....POTASSIUM 39
        ....POTASSIUM 40

POTASSIUM NITRATES
  0603 1804
  GS    NITROGEN COMPOUNDS
        .NITRATES
        ..INORGANIC NITRATES
        ..#POTASSIUM NITRATES
        POTASSIUM COMPOUNDS
        #POTASSIUM NITRATES

POTASSIUM OXIDES
  0603 1804
  GS    CHALCOGENIDES
        .OXIDES
        ..METAL OXIDES
        ..#POTASSIUM OXIDES
        POTASSIUM COMPOUNDS
        #POTASSIUM OXIDES

POTASSIUM PERCHLORATES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .CHLORINE COMPOUNDS
        ..PERCHLORATES
        ..#POTASSIUM PERCHLORATES
        POTASSIUM COMPOUNDS
        #POTASSIUM PERCHLORATES
  RT    EXPLOSIVES
        SOLID ROCKET PROPELLANTS
```

```
POTASSIUM PEROXIDES
  0603 1804
  GS   POTASSIUM COMPOUNDS
       #POTASSIUM PEROXIDES

POTASSIUM PHOSPHATES
  0603 1804
  GS   PHOSPHORUS COMPOUNDS
       .PHOSPHATES
       .#POTASSIUM PHOSPHATES
       POTASSIUM COMPOUNDS
       #POTASSIUM PHOSPHATES

POTASSIUM SILICATES
  0603 1804
  GS   POTASSIUM COMPOUNDS
       #POTASSIUM SILICATES
       SILICON COMPOUNDS
       .SILICATES
       .#POTASSIUM SILICATES
  RT   MINERALS

POTASSIUM 38
  0603 1703 2406
  GS   CHEMICAL ELEMENTS
       .ALKALI METALS
       ..POTASSIUM
       ...POTASSIUM ISOTOPES
       ...#POTASSIUM 38
       .NUCLIDES
       ..ISOTOPES
       ...POTASSIUM ISOTOPES
       ...#POTASSIUM 38
       ...RADIOACTIVE ISOTOPES
       ...#POTASSIUM 38
       METALS
       .ALKALI METALS
       ..POTASSIUM
       ...POTASSIUM ISOTOPES
       ...#POTASSIUM 38

POTASSIUM 39
  0603 1703 2406
  GS   CHEMICAL ELEMENTS
       .ALKALI METALS
       ..POTASSIUM
       ...POTASSIUM ISOTOPES
       ...#POTASSIUM 39
       .NUCLIDES
       ..ISOTOPES
       ...POTASSIUM ISOTOPES
       ...#POTASSIUM 39
       METALS
       .ALKALI METALS
       ..POTASSIUM
       ...POTASSIUM ISOTOPES
       ...#POTASSIUM 39

POTASSIUM 40
  1703 2406
  GS   CHEMICAL ELEMENTS
       .ALKALI METALS
       ..POTASSIUM
       ...POTASSIUM ISOTOPES
       ...#POTASSIUM 40
       .NUCLIDES
       ..ISOTOPES
       ...POTASSIUM ISOTOPES
       ...#POTASSIUM 40
       ...RADIOACTIVE ISOTOPES
       ...#POTASSIUM 40
       METALS
       .ALKALI METALS
       ..POTASSIUM
       ...POTASSIUM ISOTOPES
       ...#POTASSIUM 40

POTATOES
  0409
  GS   FARM CROPS
       #POTATOES
       PLANTS (BOTANY)
       #POTATOES
       VEGETABLES
       #POTATOES
  RT % FOOD

% POTENTIAL
  1001 2311 3406
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   COULOMB POTENTIAL
       ELECTRIC POTENTIAL
       GEOPOTENTIAL
       IONIZATION POTENTIALS
       KLEIN-DUNHAM POTENTIAL
       MYOELECTRIC POTENTIALS
       NUCLEON POTENTIAL
       OPEN CIRCUIT VOLTAGE
       PLASMA POTENTIALS
       POTENTIAL ENERGY
       POTENTIAL FIELDS
       POTENTIAL THEORY
       YUKAWA POTENTIAL

POTENTIAL ENERGY
  1309 2308 2404
  GS   #POTENTIAL ENERGY
       .ELECTRIC POTENTIAL
       ..BIOELECTRIC POTENTIAL
       ..CONTACT POTENTIALS
       ..COULOMB POTENTIAL
       ..LIENARD POTENTIAL
       ..LOW VOLTAGE
       ..OPEN CIRCUIT VOLTAGE
       ..PHOTOVOLTAGES
       ..QUANTUM WELLS
       ..SPIKE POTENTIALS
       ..THRESHOLD VOLTAGE
       .GEOPOTENTIAL HEIGHT
       .IONIZATION POTENTIALS
       .NUCLEAR POTENTIAL
       .PLASMA POTENTIALS
  RT   CHEMICAL ENERGY
       ELECTRIC ENERGY STORAGE
     % ENERGY
       ENERGY STORAGE
       FROUDE NUMBER
       GEOPOTENTIAL
       INTERNAL ENERGY
       KINETIC ENERGY
       LAGRANGIAN FUNCTION
       MORSE POTENTIAL
     % POTENTIAL

POTENTIAL FIELDS
  2308 2311 2401
  RT   FIELD THEORY (PHYSICS)
     % POTENTIAL

POTENTIAL FLOW
  1202 2308 2311
  UF   IRROTATIONAL FLOW
  GS   FLUID FLOW
       #POTENTIAL FLOW
       ..EQUIPOTENTIALS
  RT   CARTAN SPACE
       HEAT TRANSMISSION
       INVISCID FLOW
       VORTICITY

POTENTIAL GRADIENTS
  0101 1202 1308 2311 2402 3408
  GS   GRADIENTS
       #POTENTIAL GRADIENTS
  RT   PRESSURE GRADIENTS
       SPARK GAPS
       TEMPERATURE GRADIENTS

POTENTIAL THEORY
  0101 1202 1308 1902 2311 2402
  RT   DIFFERENTIAL EQUATIONS
       JACOBI INTEGRAL
```

LENNARD-JONES POTENTIAL
% POTENTIAL
STREAM FUNCTIONS (FLUIDS)
% THEORIES

% POTENTIOMETERS
0902 0905 1002 2304
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT POTENTIOMETERS (INSTRUMENTS)
POTENTIOMETERS (RESISTORS)

POTENTIOMETERS (INSTRUMENTS)
0905 1002 1406 3501
GS MEASURING INSTRUMENTS
#POTENTIOMETERS (INSTRUMENTS)
RT BOLOMETERS
ELECTRIC POTENTIAL
ELECTRICAL MEASUREMENT
ELECTROMETERS
% POTENTIOMETERS
THERMOCOUPLE PYROMETERS
THERMOCOUPLES
VOLTMETERS

POTENTIOMETERS (RESISTORS)
0905
GS ATTENUATORS
.RESISTORS
.#POTENTIOMETERS (RESISTORS)
RT % POTENTIOMETERS

POTENTIOMETRIC ANALYSIS
0902 0905 1002 2304
UF POTENTIOMETRY
GS CHEMICAL TESTS
.CHEMICAL ANALYSIS
.#POTENTIOMETRIC ANALYSIS

POTENTIOMETRY
USE POTENTIOMETRIC ANALYSIS

POTEZ AIRCRAFT
0201 0207
RT % AIRCRAFT

POTOMAC RIVER VALLEY (MD-VA-WV)
1305 1306
GS VALLEYS
#POTOMAC RIVER VALLEY (MD-VA-WV)
RT DISTRICT OF COLUMBIA
MARYLAND
VIRGINIA
WEST VIRGINIA

POTTING COMPOUNDS
0701 0904 0905 1410 1502 1504 1805
RT % COMPOUNDS
ENCAPSULATING
INSULATION

POURING
3407
RT CASTING
CASTINGS

POWDER (PARTICLES)
1704 1805 3203
GS PARTICLES
#POWDER (PARTICLES)
..FINES
..METAL POWDER
...PLATINUM BLACK
...POWDERED ALUMINUM
....SINTERED ALUMINUM POWDER
RT COMPRESSIBILITY
CROP DUSTING
DUST
EXPLOSIVES
FLAKES
FLOUR (FOOD)
GRANULAR MATERIALS
OBSIDIAN
PUMICE
SIZE SEPARATION

POWDER METALLURGY
1504 1701 1704
RT ALLOYING
ALLOYS
AUTOCLAVING
CERMETS
COMBUSTION SYNTHESIS
COMMINUTION
COMPACTING
COMPOSITE MATERIALS
ELECTRODEPOSITION
LIQUID PHASE SINTERING
LOW DENSITY MATERIALS
METAL MATRIX COMPOSITES
METAL PARTICLES
METAL POWDER
% METALLURGY
MIXED CRYSTALS
POROUS MATERIALS
PREFORMS
REACTION BONDING
SINTERED ALUMINUM POWDER
SINTERING
VACUUM MELTING

POWDERED ALUMINUM
1504 1704
GS PARTICLES
.METAL PARTICLES
..METAL POWDER
..#POWDERED ALUMINUM
....SINTERED ALUMINUM POWDER
.POWDER (PARTICLES)
..METAL POWDER
..#POWDERED ALUMINUM
....SINTERED ALUMINUM POWDER
RT ALUMINUM
LITHIUM ALUMINUM HYDRIDES

POWDERED METALS
USE METAL POWDER

% POWER
0301 0303 1902 2311 2801 2805 2808
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ELECTRIC GENERATORS
FLUID POWER
FLUX (RATE)
FLUX DENSITY
HORSEPOWER
RESOLUTION
THRUST

POWER AMPLIFIERS
0905
GS AMPLIFIERS
#POWER AMPLIFIERS
RT AMPLIDYNES
CYCLOTRON RESONANCE DEVICES
FEEDBACK AMPLIFIERS
MAGNETIC AMPLIFIERS
PARAMETRIC AMPLIFIERS
PUSH-PULL AMPLIFIERS
TRANSISTOR AMPLIFIERS
TRAVELING WAVE AMPLIFIERS

POWER BEAMING
3107 3109
UF BEAMED POWER
GS #POWER BEAMING
.LASER POWER BEAMING
.MICROWAVE POWER BEAMING
.SATELLITE POWER TRANSMISSION
RT ENERGY CONVERSION
LASER PROPULSION
MICROWAVE TRANSMISSION

```
    % POWER TRANSMISSION
      SOLAR POWER SATELLITES
      SPACECRAFT POWER SUPPLIES

POWER CONDITIONING
  0301 2304
  UF   POWER PROCESSING SYSTEMS
  RT % CONDITIONING
       ELECTRIC CURRENT
       ELECTRIC GENERATORS
       ELECTRIC POTENTIAL
       ENERGY CONVERSION
       ENERGY CONVERSION EFFICIENCY
       OUTPUT
       SATELLITE SOLAR ENERGY CONVERSION
       SATELLITE SOLAR POWER STATIONS

POWER CONVERTERS
  0902
  RT % CONVERTERS
       TORQUE CONVERTERS

POWER DENSITY (ELECTROMAGNETIC)
  USE  RADIANT FLUX DENSITY

POWER EFFICIENCY
  2203 2204 2405
  GS   EFFICIENCY
       #POWER EFFICIENCY
  RT   COMBUSTION EFFICIENCY
       COMPRESSOR EFFICIENCY
       HORSEPOWER
       NOZZLE EFFICIENCY
       POWER FACTOR CONTROLLERS
     % POWER LOSS
       PROPELLER EFFICIENCY
       PROPULSION SYSTEM PERFORMANCE
       PROPULSIVE EFFICIENCY
       THERMODYNAMIC EFFICIENCY
       TRANSMISSION EFFICIENCY

POWER FACTOR CONTROLLERS
  0904
  GS   CONTROLLERS
       #POWER FACTOR CONTROLLERS
  RT   CURRENT REGULATORS
       ELECTRIC MOTORS
       ENERGY CONSERVATION
       ENERGY CONVERSION EFFICIENCY
       INDUCTION MOTORS
       POWER EFFICIENCY
       VOLTAGE REGULATORS

POWER GAIN
  0901 0902 1413
  GS   AMPLIFICATION
       #POWER GAIN
  RT   CATT DEVICES
       HIGH GAIN
       OPEN CIRCUIT VOLTAGE

POWER GENERATORS
  USE  ELECTRIC GENERATORS

POWER LIMITED SPACECRAFT
  0303 3110
  RT % SPACECRAFT

POWER LIMITERS
  0302 0303 1504
  RT   ATTENUATORS
       CLAMPING CIRCUITS
       CLIPPER CIRCUITS
       LIMITER CIRCUITS

POWER LINES
  0904 2304
  GS   TRANSMISSION LINES
       #POWER LINES
  RT   BUS CONDUCTORS
     % CABLES
       COAXIAL CABLES
       ELECTRIC POWER TRANSMISSION
       ELECTRIC WIRE
       SUBMARINE CABLES
       SUPERCONDUCTING POWER TRANSMISSION
       UNDERGROUND TRANSMISSION LINES

% POWER LOSS
  2203
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ENERGY DISSIPATION
       POWER EFFICIENCY

POWER MODULES (STS)
  0903 3110
  GS   MODULES
       #POWER MODULES (STS)
  RT   ORBITAL MANEUVERING VEHICLES
       PAYLOAD DELIVERY (STS)
       SOLAR ARRAYS
       SPACE TRANSPORTATION SYSTEM
       SPACECRAFT POWER SUPPLIES

% POWER PLANTS
  0301 0302 1504 2203 2204 3404
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   COGENERATION
       ELECTRIC POWER PLANTS
       ENGINES
       ENRICO FERMI ATOMIC POWER PLANT
       GEOTHERMAL ENERGY UTILIZATION
       HALLAM NUCLEAR POWER FACILITY
       HYDROELECTRIC POWER STATIONS
       HYDROELECTRICITY
       ML-1 NUCLEAR POWER PLANT
       SOLAR SEA POWER PLANTS
       SOLAR THERMAL ELECTRIC POWER PLANTS

POWER PROCESSING SYSTEMS
  USE  POWER CONDITIONING

POWER REACTORS
  2204
  RT   NUCLEAR POWER REACTORS
     % REACTORS
       SATURABLE REACTORS

POWER SERIES
  1902
  GS   ANALYSIS (MATHEMATICS)
       .CALCULUS
       ..SERIES (MATHEMATICS)
       ..#POWER SERIES
       ....TAYLOR SERIES
       .....MACLAURIN SERIES
       .REAL VARIABLES
       ..SERIES (MATHEMATICS)
       ..#POWER SERIES
       ....TAYLOR SERIES
       .....MACLAURIN SERIES
  RT   ANALYTIC FUNCTIONS
       BESSEL FUNCTIONS

POWER SPECTRA
  1902 2311
  GS   SPECTRA
       #POWER SPECTRA
       ..CEPSTRA
  RT   ACOUSTICS
       CEPSTRAL ANALYSIS
       ENERGY SPECTRA
       FLUX DENSITY
       LOUDNESS
       MAXIMUM ENTROPY METHOD

% POWER SUPPLIES
  0701 0904 0905 0303
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
```

RT AIRCRAFT ENGINES
AIRCRAFT POWER SUPPLIES
AUXILIARY POWER SOURCES
ELECTRIC BATTERIES
ELECTRIC GENERATORS
ELECTRIC POWER SUPPLIES
ELECTRON SOURCES
ENERGY REQUIREMENTS
HEAT SOURCES
LEAD ACID BATTERIES
LINE CURRENT
LITHIUM SULFUR BATTERIES
NUCLEAR AUXILIARY POWER UNITS
PLASMA POWER SOURCES
PROPELLANTS
RECTIFIERS
SOLAR GENERATORS
SPACECRAFT POWER SUPPLIES
VOLTAGE CONVERTERS (AC TO AC)
VOLTAGE CONVERTERS (DC TO DC)

POWER SUPPLY CIRCUITS
0904
GS CIRCUITS
#POWER SUPPLY CIRCUITS
RT CURRENT REGULATORS
RECTIFIERS
TRANSFORMERS
VOLTAGE CONVERTERS (DC TO DC)
VOLTAGE REGULATORS

% POWER TRANSMISSION
0705 0710 0901 0902 1504 2308 3404
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BUS CONDUCTORS
ELECTRIC OUTLETS
ELECTRIC POWER TRANSMISSION
ELECTRICAL ENGINEERING
ELECTRIFICATION
HYDROELECTRIC POWER STATIONS
MECHANICAL DRIVES
POWER BEAMING
WINDMILLS (WINDPOWERED MACHINES)

POWER TRANSMISSION (LASERS)
USE LASER POWER BEAMING

POWER TRANSMISSION (MICROWAVE)
USE MICROWAVE POWER BEAMING

POWERED LIFT AIRCRAFT
0201
RT % AIRCRAFT
EXTERNALLY BLOWN FLAPS
SHORT TAKEOFF AIRCRAFT
STOVL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT

POWERED MODELS
0804
SN (LIMITED TO TEST FACILITIES)
GS MODELS
.WIND TUNNEL MODELS
.#POWERED MODELS
RT AIRCRAFT MODELS
DYNAMIC MODELS

POYNTING THEOREM
1002 2307 2402
GS THEOREMS
#POYNTING THEOREM
RT % ELECTRIC POWER
ELECTROMAGNETIC RADIATION
ENERGY TRANSFER
MAXWELL EQUATION
VECTOR ANALYSIS

POYNTING-ROBERTSON EFFECT
2902 3005 3006
RT % EFFECTS
MICROMETEOROIDS
ORBITAL MECHANICS
RADIATION EFFECTS
ZODIACAL DUST
ZODIACAL LIGHT

PPI (POSITION INDICATORS)
USE PLAN POSITION INDICATORS

PPM (MODULATION)
USE PULSE POSITION MODULATION

PRACTICES
USE PROCEDURES

PRAESEPE STAR CLUSTERS
3001 3009
GS CELESTIAL BODIES
.STAR CLUSTERS
..OPEN CLUSTERS
..#PRAESEPE STAR CLUSTERS
.STARS
.#PRAESEPE STAR CLUSTERS
RT % CLUSTERS

PRAETERSONIC DEVICES
2301 2312
RT MICROWAVE FREQUENCIES
PIEZOELECTRIC TRANSDUCERS
THIN FILMS
ULTRAHIGH FREQUENCIES

PRAIRIES
USE GRASSLANDS

PRANDTL NUMBER
1202 1203 1204 2303
GS RATIOS
.DIMENSIONLESS NUMBERS
.#PRANDTL NUMBER
RT FORCED CONVECTION
GRASHOF NUMBER
HEAT TRANSFER
INVISCID FLOW
MOMENTUM TRANSFER
NUSSELT NUMBER
PECLET NUMBER
REYNOLDS NUMBER
SCHMIDT NUMBER
THERMODYNAMIC PROPERTIES
VISCOUS FLOW

PRANDTL-MEYER EXPANSION
1202 1203
GS EXPANSION
#PRANDTL-MEYER EXPANSION
RT BLASIUS EQUATION
FALKNER-SKAN EQUATION
FLOW DEFLECTION
LAMINAR FLOW
METHOD OF CHARACTERISTICS
NEWTON PRESSURE LAW
SUPERSONIC FLOW
TWO DIMENSIONAL FLOW

PRASEODYMIUM
1703
GS CHEMICAL ELEMENTS
.RARE EARTH ELEMENTS
.#PRASEODYMIUM
...PRASEODYMIUM ISOTOPES
METALS
.RARE EARTH ELEMENTS
.#PRASEODYMIUM
...PRASEODYMIUM ISOTOPES
RT DIDYMIUM
PRASEODYMIUM COMPOUNDS

PRASEODYMIUM COMPOUNDS
1703
GS RARE EARTH COMPOUNDS
#PRASEODYMIUM COMPOUNDS
RT % CHEMICAL COMPOUNDS

```
     % METAL COMPOUNDS
       PRASEODYMIUM

PRASEODYMIUM ISOTOPES
  2406
  UF   PRASEODYMIUM 144
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#PRASEODYMIUM ISOTOPES
       .RARE EARTH ELEMENTS
       ..PRASEODYMIUM
       ..#PRASEODYMIUM ISOTOPES
       METALS
       .RARE EARTH ELEMENTS
       ..PRASEODYMIUM
       ..#PRASEODYMIUM ISOTOPES

PRASEODYMIUM 144
  USE  PRASEODYMIUM ISOTOPES

PRE-IMBRIAN PERIOD
  1301
  RT   LUNAR COMPOSITION
       LUNAR CRATERS
       LUNAR EVOLUTION
       LUNAR GEOLOGY
       LUNAR ROCKS

PRE-MAIN SEQUENCE STARS
  3001
  GS   CELESTIAL BODIES
       .STARS
       ..PROTOSTARS
       ..#PRE-MAIN SEQUENCE STARS
       ....T TAURI STARS
  RT   MAIN SEQUENCE STARS
       STAR FORMATION
       STELLAR EVOLUTION

PREAMPLIFIERS
  0701 0703 0705 0905
  UF   PRESELECTORS
  GS   AMPLIFIERS
       #PREAMPLIFIERS
  RT   INTERMEDIATE FREQUENCY AMPLIFIERS
       LOW NOISE
       MIXING CIRCUITS
       POSTAMPLIFIERS
       SIGNAL DETECTION
       SIGNAL DETECTORS
       SIGNAL RECEPTION
       TRANSISTOR AMPLIFIERS
       VOLTAGE AMPLIFIERS

PREBURNERS
  1501
  GS   PRESSURE VESSELS
       #PREBURNERS
  RT   PUMPS
       TURBINE PUMPS

PRECAMBRIAN PERIOD
  1305
  RT   BALTIC SHIELD (EUROPE)
       CAMBRIAN PERIOD
       CANADIAN SHIELD
       GEOLOGY
       PALEONTOLOGY
       PALEOZOIC ERA

PRECAUTIONS
  USE  ACCIDENT PREVENTION

PRECESSION
  1403 2308 3009
  GS   GYRATION
       #PRECESSION
       ..LARMOR PRECESSION
       ..PROTON PRECESSION
       ..QUENCHING (ATOMIC PHYSICS)
  RT   EARTH ORIENTATION
       GYROSCOPES
       GYROSCOPIC STABILITY
       LARMOR RADIUS
       LIBRATION
       MUON SPIN ROTATION
       NUTATION
       POLAR WANDERING (GEOLOGY)
       ROTATION
       VORTEX PRECESSION

PRECIOUS METALS
  USE  NOBLE METALS

PRECIPITATES
  0603 3407
  SN   (EXCLUDES METEOROLOGICAL
       PRECIPITATES)
  RT   ALLOYS
       GRAIN BOUNDARIES
       MICROSTRUCTURE
       PRECIPITATION (CHEMISTRY)
       PRECIPITATION HARDENING
       REACTION PRODUCTS

% PRECIPITATION
  2001 2003 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERM
       LISTED BELOW)
  RT   DROP SIZE
       ELECTRON PRECIPITATION
       FALLING
       HYDROMETALLURGY
       MATERIALS RECOVERY
       PARTICLE PRECIPITATION
       PRECIPITATION (CHEMISTRY)
       PRECIPITATION (METEOROLOGY)
       PROTON PRECIPITATION

PRECIPITATION (CHEMISTRY)
  0603 3407
  RT   AGGLOMERATION
       CEMENTATION
     % CHEMISTRY
       COAGULATION
       COLLOIDING
       CONCENTRATING
       CRYSTALLIZATION
       DEPOSITION
       DISSOLVING
       FILTRATION
       FLOCCULATING
       HYDROMETALLURGY
       HYDROMETEOROLOGY
       MATERIALS RECOVERY
       PRECIPITATES
     % PRECIPITATION
       PRECIPITATORS
     % SATURATION
       SATURATION (CHEMISTRY)
     % SEPARATION
       SETTLING
       SOLUBILITY
       SUPERSATURATION
       UNSATURATION (CHEMISTRY)

PRECIPITATION (METEOROLOGY)
  2003
  GS  #PRECIPITATION (METEOROLOGY)
       .GRAUPEL
       .HAIL
       .RAIN
       ..ACID RAIN
       .SNOW
       .SNOW COVER
  RT   ALPINE METEOROLOGY
       ANVIL CLOUDS
       ATMOSPHERIC MOISTURE
       CAP CLOUDS
       CIRROCUMULUS CLOUDS
       CIRROSTRATUS CLOUDS
       CLIMATOLOGY
       CLOUD PHYSICS
```

CLOUD SEEDING
CLOUDS (METEOROLOGY)
CUMULONIMBUS CLOUDS
CYCLONES
DEW
DRAINAGE PATTERNS
DROUGHT
FLOOD DAMAGE
FLOOD PREDICTIONS
FLOODS
FOG
FOG DISPERSAL
HAILSTORMS
HUMIDITY
HYDROLOGICAL CYCLE
HYDROLOGY
HYDROLOGY MODELS
HYDROMETEOROLOGY
INTERNATIONAL HYDROLOGICAL DECADE
METEOROLOGICAL PARAMETERS
METEOROLOGY
MIST
MONSOONS
NEPHANALYSIS
NIMBOSTRATUS CLOUDS
% PRECIPITATION
RAINMAKING
RAINSTORMS
% SATURATION
SNOWSTORMS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
STORMS
STORMS (METEOROLOGY)
WATER
WATER RESOURCES
WATERSHEDS
WEATHER
WEATHER FORECASTING

PRECIPITATION HARDENING
1701 1704
UF AGE HARDENING
DISPERSION PRECIPITATION HARDENING
STRAIN AGING
GS HARDENING (MATERIALS)
#PRECIPITATION HARDENING
..MARAGING
RT COLD HARDENING
EUTECTIC COMPOSITES
HEAT TREATMENT
PRECIPITATES
SOLID SOLUTIONS
STRAIN HARDENING

SUPERSATURATION
TIME TEMPERATURE PARAMETER

PRECIPITATION PARTICLE MEASUREMENT
1301 2001 2003
GS SIZE DETERMINATION
#PRECIPITATION PARTICLE MEASUREMENT
RT DROP SIZE
METEOROLOGICAL RADAR
PARTICLE SIZE DISTRIBUTION
PARTICLES

PRECIPITATORS
0602
GS SEPARATORS
#PRECIPITATORS
..ELECTROSTATIC PRECIPITATORS
RT AIR FILTERS
CONCENTRATORS
DUST COLLECTORS
PRECIPITATION (CHEMISTRY)
THICKENERS (EQUIPMENT)

PRECISION
3408 4001
UF EXACTNESS
RT ACCURACY
ALLOWANCES
CONFIDENCE LIMITS
CONSISTENCY
DEFINITION
DYNAMIC CHARACTERISTICS
ERRORS
GEOMETRIC DILUTION OF PRECISION
HIGH RESOLUTION
HYSTERESIS
QUALITY
QUALITY CONTROL
RELIABILITY
RESOLUTION
SCHEDULES
SENSITIVITY
% SHARPNESS
TOLERANCES (MECHANICS)
TRUNCATION ERRORS
VALIDITY

PRECISION GUIDED PROJECTILES
3401
GS MISSILES
#PRECISION GUIDED PROJECTILES
PROJECTILES
#PRECISION GUIDED PROJECTILES
WEAPONS
.WARHEADS
.#PRECISION GUIDED PROJECTILES
RT % BOMBS
TERMINAL BALLISTICS

PRECONDITIONING
3407
GS PREPARATION
#PRECONDITIONING
RT % CONDITIONING

PRECOOLING
1103 2702 2804 3303 3501
GS COOLING
#PRECOOLING
RT REGENERATIVE COOLING

PREDATORS
0402
RT ANIMALS
ECOLOGY
ECOSYSTEMS
POPULATIONS

PREDICATE CALCULUS
0802 1902
GS MATHEMATICAL LOGIC
#PREDICATE CALCULUS
RT ARTIFICIAL INTELLIGENCE
% LOGIC
THEOREM PROVING

PREDICATE LOGIC
0408 0410 3405
RT ARTIFICIAL INTELLIGENCE
LINGUISTICS
% LOGIC
PROGRAMMING LANGUAGES
SEMANTICS

PREDICTION ANALYSIS TECHNIQUES
1905 3406
GS FORECASTING
#PREDICTION ANALYSIS TECHNIQUES
SCHEDULING
#PREDICTION ANALYSIS TECHNIQUES
RT % ANALYZING
PARAMETER IDENTIFICATION
PERFORMANCE PREDICTION
SYSTEM IDENTIFICATION
TREND ANALYSIS

PREDICTION RECORDING
1504 1905 2001 2003
GS RECORDING
#PREDICTION RECORDING

```
  RT   PREDICTIONS

PREDICTIONS
  1406 1904 1905 3006 3406 3407
  UF   PREDICTORS
  GS  #PREDICTIONS
       .FLOOD PREDICTIONS
       .IMPACT PREDICTION
       .LINEAR PREDICTION
       .NOISE PREDICTION
       .NOISE PREDICTION (AIRCRAFT)
       .PERFORMANCE PREDICTION
       .ROSHKO PREDICTION
  RT   CATASTROPHE THEORY
       CONFIDENCE LIMITS
       CONTINGENCY
       DELPHI METHOD (FORECASTING)
       ESTIMATES
       FORECASTING
       MAXIMUM LIKELIHOOD ESTIMATES
       MISSION PLANNING
       PATTERN METHOD (FORECASTING)
       PREDICTION RECORDING
       PROBE METHOD (FORECASTING)
       PROFILE METHOD (FORECASTING)
     % PROJECTION
       RISK
       SCHEDULES
       TECHNOLOGICAL FORECASTING

PREDICTOR-CORRECTOR METHODS
  1902 3501
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       ..APPROXIMATION
       ..#PREDICTOR-CORRECTOR METHODS
       ..ITERATION
       ..#PREDICTOR-CORRECTOR METHODS
  RT   DIFFERENTIAL EQUATIONS
       ITERATIVE SOLUTION

PREDICTORS
  USE  PREDICTIONS

PREEMPTING
  3402 3403 3406 3407
  RT   CLAIMING
       PREVENTION

PREFIRING TESTS
  3102 3106 3301
  GS   ENGINE TESTS
       #PREFIRING TESTS
  RT   CAPTIVE TESTS
       CHECKOUT
       GROUND TESTS
       PREFLIGHT ANALYSIS
       PRELAUNCH TESTS
       ROCKET ENGINE DESIGN
       SPACE VEHICLE CHECKOUT PROGRAM
       STATIC TESTS
       TEST FIRING
       TEST STANDS
     % TESTS

PREFLIGHT ANALYSIS
  0502 1904 3006 3102 3406
  RT % ANALYZING
       PREFIRING TESTS
       SYSTEMS ANALYSIS
     % TESTS
       TRAJECTORY ANALYSIS
       WEIGHT ANALYSIS

PREFLIGHT OPERATIONS
  0502 1904 3006 3102
  GS  #PREFLIGHT OPERATIONS
       .AIRCRAFT RUNUP
       .COUNTDOWN
  RT   CREW PROCEDURES (PREFLIGHT)
       GROUND TESTS
     % OPERATIONS
       PRELAUNCH TESTS
       REFUELING

PREFOCUSING
  3407
  GS   FOCUSING
       #PREFOCUSING
  RT % OPTICS

PREFORMS
  1704 1805 3407
  RT   BLANKS
       COMPOSITE MATERIALS
       MOLDS
       POWDER METALLURGY
       RESIN TRANSFER MOLDING

PREGNANCY
  0404 0405
  RT   BIRTH

PREHEATERS
  USE  HEATING EQUIPMENT

PREHEATING
  USE  HEATING

PREIMPREGNATION
  0404 3407
  RT   FILAMENT WINDING
       PULTRUSION

PREJUDICES
  0408 0410 3402 3406 3408
  RT   ECONOMICS
       IRRATIONALITY
       MANAGEMENT
     % PROPERTIES
       PSYCHOLOGY

PRELAUNCH PROBLEMS
  0506 3102
  RT   COUNTDOWN
     % PROBLEMS
       RELIABILITY
       SPACECRAFT RELIABILITY

PRELAUNCH SUMMARIES
  3405
  GS   SUMMARIES
       #PRELAUNCH SUMMARIES
  RT   MISSION PLANNING
       POSTLAUNCH REPORTS
       SPACECRAFT LAUNCHING

PRELAUNCH TESTS
  0506 1108 3102
  GS   GROUND TESTS
       #PRELAUNCH TESTS
       ..STATIC FIRING
  RT   CAPTIVE TESTS
       COLD FLOW TESTS
       COUNTDOWN
       CREW PROCEDURES (PREFLIGHT)
       ENGINE TESTS
       LAUNCHING
       MISSILE TESTS
       PREFIRING TESTS
       PREFLIGHT OPERATIONS
       SPACECRAFT MAINTENANCE
       STATIC TESTS
       TEST FIRING
       TEST STANDS
     % TESTS

PRELOADING
  USE  PRESTRESSING

PREMATURE OPERATION
  3406 3407
  RT % OPERATIONS
       PREPARATION
```

```
PREMIXED FLAMES
  3301
  GS   FLAMES
       #PREMIXED FLAMES
  RT   CARBURETORS
       FLAME PROPAGATION
       GAS MIXTURES
       MIXING
       PREMIXING
       REACTING FLOW
       TURBULENT COMBUSTION

PREMIXING
  1203 3501
  GS   MIXING
       #PREMIXING
  RT   FUEL-AIR RATIO
       FUELS
       GAS MIXTURES
       HOMOGENIZING
       IGNITION
       JET MIXING FLOW
       PREMIXED FLAMES
       SPRAYING

PREPARATION
  1502 1504 1507 3404 3407
  GS  #PREPARATION
       .PRECONDITIONING
       .PRETREATMENT
       ..PRESTRESSING
       .PREWHIRLING
       .PREWHITENING
  RT   ASSEMBLING
       PREMATURE OPERATION
     % PRIMING

PREPOLYMERS
  1808 1810
  GS  #PREPOLYMERS
       .DIMERS
       .TRIMERS
  RT   MONOMERS
     % POLYMERS

PREPREGS
  1804
  RT   COMPOSITE MATERIALS
       EPOXY RESINS
       FUNCTIONALLY GRADIENT MATERIALS
       LAMINATES
       RESIN MATRIX COMPOSITES

PREPROCESSING
  2102
  RT   DATA PROCESSING
       DATA REDUCTION
       IMAGE PROCESSING

PRESBYOPIA
  0405 0408
  RT   VISION

PRESELECTORS
  USE  PREAMPLIFIERS

PRESENTATION
  3406 3407
  RT   INFORMATION

PRESERVATIVES
  0505 1802 1808
  RT   ADDITIVES
     % AGENTS
       ANTICOAGULANTS
       ANTIOXIDANTS
       NEUTRALIZERS
       PENETRANTS
       PRESERVING
       RETARDANTS
       STABILIZERS (AGENTS)

PRESERVING
  0504 0505 0508
  GS   FOOD PROCESSING
       #PRESERVING
  RT   BIOPAKS
     % CONTAINERS
       CORROSION PREVENTION
       COVERINGS
       CURING
       DEGRADATION
       DEHYDRATED FOOD
     % FOOD
       FREEZE DRYING
       FREEZING
       FROZEN FOODS
       IMPREGNATING
       IRRADIATION
       PACKAGING
       PRESERVATIVES
       RADIATION EFFECTS
       REFRIGERATING
     % STORAGE
       WEATHERPROOFING

PRESIDENTIAL REPORTS
  3405
  GS   DOCUMENTS
       #PRESIDENTIAL REPORTS
       REPORTS
       #PRESIDENTIAL REPORTS
  RT   CONGRESSIONAL REPORTS
       PAPERS
       RECORDS

PRESINTERING
  USE  SINTERING

PRESSES
  1504
  GS  #PRESSES
       .RAMS (PRESSES)
  RT   COMPACTING
       HAMMERS
       MACHINE TOOLS
       PLATENS
     % PRESSING
       PRESSING (FORMING)
       PUNCHES
       TOOLS

% PRESSING
  1504 1801
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   COLD PRESSING
       COMPACTING
       COMPRESSING
       HOT ISOSTATIC PRESSING
       HOT PRESSING
       PLATENS
       PRESSES
       PRESSING (FORMING)

PRESSING (FORMING)
  1504
  GS   FORMING TECHNIQUES
       #PRESSING (FORMING)
       ..BLANKING (CUTTING)
       ..COINING
       ..STAMPING
  RT   COLD PRESSING
       COMPACTING
       EXTRUDING
       FORGING
       HOT ISOSTATIC PRESSING
       HOT PRESSING
       METAL WORKING
       MOLDS
       PRESSES
     % PRESSING
       PULTRUSION
       SIZING (SHAPING)
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      UPSETTING

PRESSORS
  USE  VASOCONSTRICTOR DRUGS

PRESSURE
  1202 1408 2003 2311 3408 3501
  UF   SURFACE PRESSURE
  GS  #PRESSURE
      .ATMOSPHERIC PRESSURE
      .BASE PRESSURE
      .BLOOD PRESSURE
      ..DIASTOLIC PRESSURE
      ..HYPERTENSION
      ..HYPOTENSION
      ..LOWER BODY NEGATIVE PRESSURE
      ..SYSTOLIC PRESSURE
      .CRITICAL PRESSURE
      .DENSIFICATION
      .DIFFERENTIAL PRESSURE
      .DYNAMIC PRESSURE
      .FLUID PRESSURE
      ..WATER PRESSURE
      .GAS PRESSURE
      .GEOPRESSURE
      .HIGH PRESSURE
      .INLET PRESSURE
      .INTERNAL PRESSURE
      .INTRACRANIAL PRESSURE
      .INTRAOCULAR PRESSURE
      .ISOSTATIC PRESSURE
      .LOW PRESSURE
      ..HIGH ALTITUDE PRESSURE
      .MIDDLE EAR PRESSURE
      .OVERPRESSURE
      .PARTIAL PRESSURE
      ..OXYGEN TENSION
      ...HYPOXEMIA
      .PLASMA PRESSURE
      .RADIATION PRESSURE
      ..ELECTRON PRESSURE
      ..LUMENS
      ..LUMINOUS INTENSITY
      ...ILLUMINANCE
      ...LUMINANCE
      ..SOUND PRESSURE
      .STAGNATION PRESSURE
      .STATIC PRESSURE
      ..HYDROSTATIC PRESSURE
      .SUPERCRITICAL PRESSURES
      .THRUST CHAMBER PRESSURE
      .TRANSIENT PRESSURES
      .TRANSITION PRESSURE
      .VACUUM
      ..HIGH VACUUM
      ..LOW VACUUM
      ..ULTRAHIGH VACUUM
      .VAPOR PRESSURE
      .WALL PRESSURE
      .WIND PRESSURE
  RT  BARORECEPTORS
      BLAST LOADS
      CENTER OF PRESSURE
      COMPRESSING
      EAR PRESSURE TEST
      ELASTIC WAVES
      ENVIRONMENTS
    % FORCE
      FUEL TANK PRESSURIZATION
      GIBBS-HELMHOLTZ EQUATIONS
      HEAD (FLUID MECHANICS)
      HIGH PRESSURE OXYGEN
      IMPACT
      ISOBARS (PRESSURE)
      LOADS (FORCES)
      NEWTON PRESSURE LAW
      OSMOSIS
      PRESSURE BREATHING
      PRESSURE BROADENING
      PRESSURE CHAMBERS
      PRESSURE DISTRIBUTION
      PRESSURE DRAG
    % PRESSURE DROP
      PRESSURE EFFECTS
      PRESSURE GAGES
      PRESSURE GRADIENTS
      PRESSURE HEADS
      PRESSURE ICE
      PRESSURE MEASUREMENT
      PRESSURE MODULATOR RADIOMETERS
      PRESSURE OSCILLATIONS
      PRESSURE PULSES
      PRESSURE RATIO
      PRESSURE RECORDERS
      PRESSURE RECOVERY
      PRESSURE REDUCTION
      PRESSURE SENSORS
      PRESSURE SUITS
      PRESSURE VESSEL DESIGN
      PRESSURE VESSELS
      PRESSURE WELDING
      PRESSURIZED CABINS
      PRESSURIZED WATER REACTORS
      PRESSURIZING
      TEMPERATURE INVERSIONS
      VACUUM CHAMBERS
      WEIGHT (MASS)

PRESSURE BREATHING
  0303 0504
  GS  RESPIRATION
      #PRESSURE BREATHING
  RT  EMERGENCY BREATHING TECHNIQUES
      LIQUID BREATHING
      PRESSURE
      STRESS (PHYSIOLOGY)

PRESSURE BROADENING
  1411 2401 2404
  RT  LINE SPECTRA
      PRESSURE
      SPECTROSCOPY

PRESSURE CABINS
  USE  PRESSURIZED CABINS

PRESSURE CHAMBERS
  0303 0408 0504
  GS  COMPARTMENTS
      .TEST CHAMBERS
      .#PRESSURE CHAMBERS
      ...HYPERBARIC CHAMBERS
      ...VACUUM CHAMBERS
  RT  AIR LOCKS
    % CHAMBERS
      ENCLOSURES
      PRESSURE
      PRESSURIZED CABINS
      WIND TUNNEL DRIVES

PRESSURE DEPENDENCE
  1202
  RT  BURNING RATE
      HYDROSTATIC PRESSURE
      REACTION KINETICS

PRESSURE DISTRIBUTION
  0101 0102 1203 3203 3501
  UF  PRESSURE FIELDS
  GS  DISTRIBUTION (PROPERTY)
      #PRESSURE DISTRIBUTION
  RT  AERODYNAMIC COEFFICIENTS
      AERODYNAMIC LOADS
      AERODYNAMIC STABILITY
      CENTER OF PRESSURE
      DIFFERENTIAL PRESSURE
    % DISTRIBUTION
      FIELD THEORY (PHYSICS)
      INFLUENCE COEFFICIENT
      INTERNAL PRESSURE
      ISOBARS (PRESSURE)
      LIFT
      LOADING MOMENTS
      LOADS (FORCES)
      MANOMETERS
```

MASS DISTRIBUTION
MOMENT DISTRIBUTION
NEWTON PRESSURE LAW
PRESSURE
% PRESSURE DROP
SHOCK WAVE PROFILES
SPANWISE BLOWING
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
THEODORSEN TRANSFORMATION
THRUST DISTRIBUTION
VELOCITY DISTRIBUTION
VERTICAL DISTRIBUTION
WALL PRESSURE

PRESSURE DRAG
0101 1203 3501
GS DYNAMIC CHARACTERISTICS
.DRAG
.#PRESSURE DRAG
...SUPERSONIC DRAG
...WAVE DRAG
....INTERFERENCE DRAG
RT AERODYNAMIC DRAG
FRICTION DRAG
PRESSURE

% PRESSURE DROP
0408 1201 1202 1203
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT FLUID POWER
FRICTION
GAS FLOW
HEAD FLOW
INLET FLOW
PRESSURE
PRESSURE DISTRIBUTION
PRESSURE GRADIENTS
PRESSURE OSCILLATIONS
PRESSURE REDUCTION
TWO PHASE FLOW

PRESSURE EFFECTS
0101 0408 1202 1203 3203
RT BETA FACTOR
COMPRESSIBILITY EFFECTS
% EFFECTS
JET BLAST EFFECTS
LOADS (FORCES)
NONISOTHERMAL PROCESSES
PRESSURE
SUCTION
TEMPERATURE EFFECTS
TEMPERATURE INVERSIONS
TRANSITION PRESSURE
VACUUM EFFECTS
WIND EFFECTS

PRESSURE FIELDS
USE PRESSURE DISTRIBUTION

PRESSURE GAGES
1202 1203 1408 3501
UF BOMBS (PRESSURE GAGES)
GS MEASURING INSTRUMENTS
#PRESSURE GAGES
..BAROMETERS
..MANOMETERS
..OSMOMETERS
..PIEZOELECTRIC GAGES
..PIEZOMETERS
..VACUUM GAGES
...IONIZATION GAGES
....ALPHATRONS
....BAYARD-ALPERT IONIZATION GAGES
....PENNING GAGES
....PHILIPS IONIZATION GAGES
...KNUDSEN GAGES
...MCLEOD GAGES
...PIRANI GAGES
RT % BOMBS
BOURDON TUBES
FLOWMETERS
HYPSOMETERS
PRESSURE
SHOCK MEASURING INSTRUMENTS
STRAIN GAGE ACCELEROMETERS
STRAIN GAGE BALANCES
STRAIN GAGES
WEIGHT INDICATORS

PRESSURE GRADIENTS
1202 1203 1301 3408
GS GRADIENTS
#PRESSURE GRADIENTS
RT ATMOSPHERIC PRESSURE
BATHYTHERMOGRAPHS
CRITICAL FLOW
DIFFERENTIAL PRESSURE
FLUID BOUNDARIES
FLUID FLOW
FRICTION FACTOR
GEOPRESSURE
HYDRODYNAMICS
HYDROSTATICS
INLET PRESSURE
ISOBARS (PRESSURE)
KNUDSEN FLOW
LIQUID FLOW
LIQUID-LIQUID INTERFACES
LIQUID-VAPOR INTERFACES
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW
POTENTIAL GRADIENTS
PRESSURE
% PRESSURE DROP
RANKINE-HUGONIOT RELATION
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUCTION
SUPERCRITICAL FLOW
UNIFORM FLOW
UNSTEADY FLOW
VENTURI TUBES

PRESSURE HEADS
1202 1203 1408 3501
UF HEAD (PRESSURE)
GS FLUID FLOW
.HEAD (FLUID MECHANICS)
.#PRESSURE HEADS
RT CENTER OF PRESSURE
ELEVATION
% HYDRAULICS
HYDRODYNAMICS
HYDROSTATIC PRESSURE
HYDROSTATICS
LIQUID FLOW
PRESSURE

PRESSURE ICE
1310 2003
UF PRESSURE RIDGES
GS ICE
.SEA ICE
.#PRESSURE ICE
RT COLD WEATHER
FREEZING
ICE FORMATION
LOW TEMPERATURE
OCEAN CURRENTS
PRESSURE
TIDES
WIND (METEOROLOGY)
WINTER

PRESSURE MEASUREMENT
1202 1203 1408 3501
UF TONOMETRY
GS MECHANICAL MEASUREMENT
#PRESSURE MEASUREMENT

```
  RT   BAROMETERS
       BOURDON TUBES
       DIFFERENTIAL PRESSURE
       FLOW MEASUREMENT
       FLOWMETERS
       IONIZATION GAGES
       KNUDSEN GAGES
       MANOMETERS
       MCLEOD GAGES
     % MEASUREMENT
       NOISE METERS
       PHILIPS IONIZATION GAGES
       PIRANI GAGES
       PITOT TUBES
       PNEUMATIC PROBES
       PRESSURE
       VACUUM
       VACUUM GAGES
       VELOCITY
       VELOCITY MEASUREMENT
       VENTURI TUBES
       WEIGHT INDICATORS
       WIND TUNNEL CALIBRATION
       WIND TUNNEL TESTS

PRESSURE MODULATOR RADIOMETERS
  1501
  GS   MEASURING INSTRUMENTS
       .RADIATION MEASURING INSTRUMENTS
       ..ACTINOMETERS
       ...RADIOMETERS
       ...#PRESSURE MODULATOR RADIOMETERS
  RT   INFRARED RADIOMETERS
       PRESSURE

PRESSURE OSCILLATIONS
  1201 1202 1203 1408 3301 3501
  GS   OSCILLATIONS
       #PRESSURE OSCILLATIONS
  RT   ACOUSTIC FREQUENCIES
       COMBUSTION STABILITY
       FLAME PROPAGATION
       PRESSURE
     % PRESSURE DROP
       SOUTHERN OSCILLATION
       TURBULENT FLOW

PRESSURE PROBES
  USE  PRESSURE SENSORS

PRESSURE PULSES
  1201 1202 1203
  GS   PULSES
       #PRESSURE PULSES
  RT   BLAST LOADS
       FLAME PROPAGATION
       PRESSURE
       SHOCK WAVES

PRESSURE RATIO
  2805
  GS   RATIOS
       #PRESSURE RATIO
  RT   FUEL-AIR RATIO
       LIFT DRAG RATIO
       MASS RATIOS
       PAYLOAD MASS RATIO
       PRESSURE
       PROPELLANT MASS RATIO
       STRESS RATIO
       THRUST-WEIGHT RATIO

PRESSURE RECORDERS
  1202 1203 1408 3501
  GS   RECORDING INSTRUMENTS
       #PRESSURE RECORDERS
  RT   PRESSURE

PRESSURE RECOVERY
  1201 1202 1203
  RT % DIFFUSERS
       EXPLOSIVE DECOMPRESSION
       FLUID AMPLIFIERS
       INLET PRESSURE
       PRESSURE
     % RECOVERY

PRESSURE REDUCTION
  0101 0102 0104 1203 3501
  UF   BLEED-OFF
       DECOMPRESSION
       DEFLATING
       DEPRESSURIZATION
  GS  #PRESSURE REDUCTION
       .EXPLOSIVE DECOMPRESSION
  RT % BLEEDING
       COMPRESSING
       GAS EXPANSION
       INFLATING
       PRESSURE
     % PRESSURE DROP
     % REDUCTION

PRESSURE REGULATORS
  0303 1201 1202 1203 1408 1504 3501
  GS   CONTROL EQUIPMENT
       #PRESSURE REGULATORS
       REGULATORS
       #PRESSURE REGULATORS
       VALVES
       .AUTOMATIC CONTROL VALVES
       .#PRESSURE REGULATORS
  RT   CONTROLLERS
       FLOW REGULATORS
       FUEL TANK PRESSURIZATION
       OXYGEN REGULATORS
       PRESSURIZING
       RELIEF VALVES

PRESSURE RIDGES
  USE  PRESSURE ICE

PRESSURE SENSORS
  1202 1203 1408 3501
  UF   PRESSURE PROBES
       PRESSURE TRANSDUCERS
  GS   TRANSDUCERS
       #PRESSURE SENSORS
       ..BOURDON TUBES
  RT   ELECTROACOUSTIC WAVES
       PIEZOELECTRIC GAGES
       PRESSURE
       QUARTZ TRANSDUCERS
     % RAKES
       SHOCK WAVE GENERATORS
       TRANSIENT PRESSURES
       TRANSIENT RESPONSE
       ULTRASONIC WAVE TRANSDUCERS

PRESSURE SUITS
  0401 0504 0506 0508
  GS   CLOTHING
       .PROTECTIVE CLOTHING
       .#PRESSURE SUITS
       ...SPACE SUITS
       ....EXTRAVEHICULAR MOBILITY UNITS
       .SUITS
       .#PRESSURE SUITS
       ...SPACE SUITS
       ....EXTRAVEHICULAR MOBILITY UNITS
  RT   FLIGHT CLOTHING
       HELMETS
       INFLATABLE STRUCTURES
       LIFE SUPPORT SYSTEMS
       PORTABLE LIFE SUPPORT SYSTEMS
       PRESSURE
       SAFETY DEVICES

PRESSURE SWITCHES
  0902 0904 1001 1504
  GS   CONTROL EQUIPMENT
       #PRESSURE SWITCHES
       SWITCHES
       #PRESSURE SWITCHES
  RT   ELECTRIC SWITCHES
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PRESSURE TRANSDUCERS
  USE  PRESSURE SENSORS

PRESSURE VESSEL DESIGN
  1103 1202 1203 1504 3404
  GS   STRUCTURAL DESIGN
       #PRESSURE VESSEL DESIGN
  RT % DESIGN
       PERFORATED SHELLS
       PRESSURE
       SHELLS (STRUCTURAL FORMS)

PRESSURE VESSELS
  1103 1504 3202
  GS  #PRESSURE VESSELS
       .PREBURNERS
  RT   ACCUMULATORS
       AUTOCLAVES
       BELLS
       BOILERS
       BULBS
       BURST TESTS
     % CONTAINERS
       DOMES (STRUCTURAL FORMS)
       FUEL TANK PRESSURIZATION
       FUEL TANKS
       HEMISPHERE CYLINDER BODIES
       ISOTENSOID STRUCTURES
       PRESSURE
       PROPELLANT TANKS
       REACTOR MATERIALS
       SHALLOW SHELL EQUATIONS
       SPHERICAL TANKS
       STORAGE TANKS
       TANKS (CONTAINERS)
     % VESSELS
       WALL PRESSURE
       WIND TUNNEL WALLS

PRESSURE WAVES
  USE  ELASTIC WAVES

PRESSURE WELDING
  1203 1507
  GS   WELDING
       #PRESSURE WELDING
       ..COLD WELDING
       ..DIFFUSION WELDING
       ..EXPLOSIVE WELDING
       ..FRICTION WELDING
       ..ULTRASONIC WELDING
  RT   ARC WELDING
       ELECTRIC WELDING
       FLASH WELDING
       FUSION WELDING
       GAS WELDING
       PRESSURE
       SPOT WELDS

PRESSURIZED CABINS
  0303 0401 0504 0506 0507
  UF   PRESSURE CABINS
  GS   COMPARTMENTS
       #PRESSURIZED CABINS
  RT   AIRCRAFT COMPARTMENTS
       CABIN ATMOSPHERES
     % CABINS
       COCKPITS
       EMERGENCY LIFE SUSTAINING SYSTEMS
       ENVIRONMENTAL CONTROL
       ESCAPE CAPSULES
       EXPLOSIVE DECOMPRESSION
       LIFE SUPPORT SYSTEMS
       OXYGEN SUPPLY EQUIPMENT
       PRESSURE
       PRESSURE CHAMBERS
       SPACECRAFT CABIN ATMOSPHERES
       SPACECRAFT CABINS

PRESSURIZED WATER REACTORS
  2203 2204 3404
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..WATER COOLED REACTORS
       ..#PRESSURIZED WATER REACTORS
       ....SPECTRAL SHIFT CONTROL REACTOR
  RT   NUCLEAR POWER REACTORS
       PRESSURE

PRESSURIZING
  0303 1202 1203 3404
  GS  #PRESSURIZING
       .FUEL TANK PRESSURIZATION
  RT   ACCUMULATORS
       DENSIFICATION
       EXPULSION
       EXPULSION BLADDERS
       GAS GENERATORS
       GAS INJECTION
       INFLATING
       PRESSURE
       PRESSURE REGULATORS
       STIMULATION

PRESTON TUBES
  USE  PITOT TUBES
       SPEED INDICATORS

PRESTRAINING
  USE  PRESTRESSING

PRESTRESSING
  3110 3202
  UF   PRELOADING
       PRESTRAINING
       PRETWISTING
  GS   PREPARATION
       .PRETREATMENT
       .#PRESTRESSING
  RT   ELASTIC DEFORMATION
       ISOTENSOID STRUCTURES
       STRESSES
       STRUCTURAL STRAIN

PRETESTS
  USE  TESTS

PRETREATMENT
  3404 3407
  GS   PREPARATION
       #PRETREATMENT
       ..PRESTRESSING
  RT   PREVENTION
     % PRIMING

PRETWISTING
  USE  PRESTRESSING
       TWISTING

PREVAPORIZATION
  1203
  GS   PHASE TRANSFORMATIONS
       .VAPORIZING
       .#PREVAPORIZATION
  RT   FLASHING (VAPORIZING)
       GASES
       VAPOR PHASES
       VAPORS
       VOLATILITY

PREVENTION
  1505 3406 3407
  GS  #PREVENTION
       .ACCIDENT PREVENTION
       .CORROSION PREVENTION
       .FIRE PREVENTION
       .ICE PREVENTION
  RT   BLOCKING
       ETIOLOGY
     % INHIBITION
       POLLUTION
       PREEMPTING
       PRETREATMENT
       PROTECTION
```

```
     % REDUCTION
     % RESISTANCE
       RETARDING
       SABOTAGE
       SAFETY
       STOPPING

PREWHIRLING
  3407
  GS   PREPARATION
       #PREWHIRLING

PREWHITENING
  3407
  GS   PREPARATION
       #PREWHITENING
  RT   COLOR
     % TREATMENT

PRIBRAM METEORITE
  3005
  GS   CELESTIAL BODIES
       .METEORITES
       ..STONY METEORITES
       ...CHONDRITES
       ...#PRIBRAM METEORITE
  RT   BOLIDES
       METEOR TRAILS

PRIMARY BATTERIES
  0302 0904
  SN   (NON-RECHARGEABLE BATTERIES)
  GS   ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       .#PRIMARY BATTERIES
       ...ALKALINE BATTERIES
       ...DRY CELLS
       ....MAGNESIUM CELLS
       ....NICKEL ZINC BATTERIES
       ...METAL AIR BATTERIES
       ....ZINC-OXYGEN BATTERIES
       ...SODIUM SULFUR BATTERIES
       ...THERMAL BATTERIES
       ELECTROCHEMICAL CELLS
       .ELECTRIC BATTERIES
       .#PRIMARY BATTERIES
       ...ALKALINE BATTERIES
       ...DRY CELLS
       ....MAGNESIUM CELLS
       ....NICKEL ZINC BATTERIES
       ...METAL AIR BATTERIES
       ....ZINC-OXYGEN BATTERIES
       ...SODIUM SULFUR BATTERIES
       ...THERMAL BATTERIES
  RT   CHARGE EFFICIENCY
       ELECTROLYTES
       NONAQUEOUS ELECTROLYTES
       STORAGE BATTERIES
       WET CELLS

PRIMARY COSMIC RAYS
  2901
  UF   HEAVY COSMIC RAY PRIMARIES
  GS   EXTRATERRESTRIAL RADIATION
       #PRIMARY COSMIC RAYS
       ..SOLAR COSMIC RAYS
       IONIZING RADIATION
       .COSMIC RAYS
       .#PRIMARY COSMIC RAYS
       ...SOLAR COSMIC RAYS
       PARTICLES
       .CORPUSCULAR RADIATION
       .#PRIMARY COSMIC RAYS
       ...SOLAR COSMIC RAYS
  RT   COSMIC RAY ALBEDO
       HEAVY NUCLEI
       SECONDARY COSMIC RAYS

PRIMATES
  0402
  GS   ANIMALS
       .VERTEBRATES
       ..MAMMALS
       ..#PRIMATES
       ....APES
       .....CHIMPANZEES
       ....BABOONS
       ....HUMAN BEINGS
       ....MONKEYS

% PRIMERS
  1802 3302
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ENGINE PRIMERS
       PRIMERS (COATINGS)
       PRIMERS (EXPLOSIVES)

PRIMERS (COATINGS)
  1802
  GS   COATINGS
       .PROTECTIVE COATINGS
       .#PRIMERS (COATINGS)
  RT   DOPES
       FILLERS
       FINISHES
       LACQUERS
       METAL COATINGS
       PAINTS
     % PRIMERS
       SPRAYED COATINGS
       SUBSTRATES
       VARNISHES

PRIMERS (EXPLOSIVES)
  3302
  GS   EXPLOSIVE DEVICES
       .INITIATORS (EXPLOSIVES)
       .#PRIMERS (EXPLOSIVES)
       IGNITERS
       .INITIATORS (EXPLOSIVES)
       .#PRIMERS (EXPLOSIVES)
  RT   CAPS (EXPLOSIVES)
       DETONATION
       DETONATORS
       EXPLODING WIRES
       PERCUSSION
     % PRIMERS
       SQUIBS

% PRIMING
  1504 1802 3302 3404
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   COATING
       COATINGS
       INITIATION
       PREPARATION
       PRETREATMENT
       STARTING

PRIMITIVE EARTH ATMOSPHERE
  0404 0603 1301 1308 3009
  GS   EARTH ATMOSPHERE
       #PRIMITIVE EARTH ATMOSPHERE
  RT % ATMOSPHERES
       ATMOSPHERIC COMPOSITION
       ATMOSPHERIC ELECTRICITY
       ATMOSPHERIC MODELS
       EARTH PLANETARY STRUCTURE
       FREE ATMOSPHERE
       PLANETARY ATMOSPHERES

PRIMITIVE EQUATIONS
  1902 3501
  RT   ATMOSPHERIC BOUNDARY LAYER
       CLIMATOLOGY
     % EQUATIONS
       EULER EQUATIONS OF MOTION
       FLUID DYNAMICS
     % MATHEMATICS

PRINCE EDWARD ISLAND
```

1305
GS LANDFORMS
.ISLANDS
.#PRINCE EDWARD ISLAND
NATIONS
.CANADA
.#PRINCE EDWARD ISLAND

PRINCE WILLIAM SOUND (AK)
1305 1310
GS SOUNDS (TOPOGRAPHIC FEATURES)
#PRINCE WILLIAM SOUND (AK)
RT ALASKA

PRINCETON SAILWINGS
USE SAILWINGS

PRINCIPAL COMPONENTS ANALYSIS
1409
RT IMAGE PROCESSING
IMAGING TECHNIQUES
KARHUNEN-LOEVE EXPANSION
PATTERN RECOGNITION

% PRINCIPLES
1902 2311 3406
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTER BELOW)
RT DUALITY PRINCIPLE
% LOGIC
% MATHEMATICS

PRINTED CIRCUITS
0902 0903 1002
GS CIRCUITS
#PRINTED CIRCUITS
RT BREADBOARD MODELS
CIRCUIT BOARDS
ELECTRONIC PACKAGING
HYBRID CIRCUITS
INTEGRATED CIRCUITS
LARGE SCALE INTEGRATION
MEDIUM SCALE INTEGRATION
MINIATURE ELECTRONIC EQUIPMENT
MINIATURIZATION
PHOTOMASKS
SUBMINIATURIZATION
THICK FILMS
TRANSISTOR CIRCUITS

PRINTED RESISTORS
0801 0902 0905
GS ATTENUATORS
.RESISTORS
.#PRINTED RESISTORS
RT MINIATURIZATION

PRINTERS
0803
GS #PRINTERS
.PRINTERS (DATA PROCESSING)
.TELEPRINTERS
RT CATHODE RAY TUBES
DATA PROCESSING EQUIPMENT
PLOTTERS
PRINTING
PROJECTORS
TYPEWRITERS

PRINTERS (DATA PROCESSING)
0801
GS DATA PROCESSING EQUIPMENT
.PERIPHERAL EQUIPMENT (COMPUTERS)
.#PRINTERS (DATA PROCESSING)
PRINTERS
#PRINTERS (DATA PROCESSING)
RT AUTOMATIC TYPEWRITERS
COMPUTERS
% DATA
DISPLAY DEVICES
PRINTOUTS
READOUT
TELEPRINTERS

PRINTING
0802 1504
GS #PRINTING
.LITHOGRAPHY
..PHOTOLITHOGRAPHY
RT BINDING
CONTRAST
ELECTRONOGRAPHY
ENGRAVING
INKS
LEGIBILITY
PHOTOENGRAVING
PHOTOGRAPHIC PROCESSING
PHOTOMECHANICAL EFFECT
PLOTTING
PRINTERS
READING
REPRODUCTION (COPYING)
STENCIL PROCESSES

PRINTOUTS
0802 0803
RT FORMAT
LISTS
OUTPUT
PRINTERS (DATA PROCESSING)
READOUT
TABLES (DATA)

PRIORITIES
3401 3406
RT ENGINEERING MANAGEMENT
PROJECT PLANNING
RESEARCH MANAGEMENT
RESOURCE ALLOCATION
SEQUENCING

PRISMATIC BARS
1413 1504 1703 1805 2308 3203
GS BARS
#PRISMATIC BARS
OPTICAL EQUIPMENT
.PRISMS
.#PRISMATIC BARS

PRISMS
1411 2306 2310 2601
GS OPTICAL EQUIPMENT
#PRISMS
..PRISMATIC BARS
RT PHOTOELASTICITY
REFRACTION

PRIVACY
0502 3403
RT COMPUTER INFORMATION SECURITY
INFORMATION
INFORMATION DISSEMINATION
INTEGRITY
PAPERS
RECORDING
RECORDS
SECURITY

PRIVATE AIRCRAFT
USE GENERAL AVIATION AIRCRAFT

PROBABILITY
USE PROBABILITY THEORY

PROBABILITY DENSITY FUNCTIONS
1902 1905
GS FUNCTIONS (MATHEMATICS)
#PROBABILITY DENSITY FUNCTIONS
..NORMAL DENSITY FUNCTIONS
..PEARSON DISTRIBUTIONS
..RAYLEIGH DISTRIBUTION
..WEIBULL DENSITY FUNCTIONS
STATISTICAL ANALYSIS
#PROBABILITY DENSITY FUNCTIONS

..NORMAL DENSITY FUNCTIONS
..PEARSON DISTRIBUTIONS
..RAYLEIGH DISTRIBUTION
..WEIBULL DENSITY FUNCTIONS
RT BINOMIAL THEOREM
CENSORED DATA (MATHEMATICS)
CONTINUITY (MATHEMATICS)
DISCRETE FUNCTIONS
EVENTS
EXPECTANCY HYPOTHESIS
EXPONENTIAL FUNCTIONS
FAILURE ANALYSIS
GAS DENSITY
MILLS RATIO
QUARTILES

PROBABILITY DISTRIBUTION FUNCTIONS
1902 1905
GS FUNCTIONS (MATHEMATICS)
#PROBABILITY DISTRIBUTION FUNCTIONS
STATISTICAL ANALYSIS
#PROBABILITY DISTRIBUTION FUNCTIONS
STATISTICAL DISTRIBUTIONS
#PROBABILITY DISTRIBUTION FUNCTIONS
RT DISCRETE FUNCTIONS
GOODNESS OF FIT

PROBABILITY THEORY
1902 1905 4001
UF PROBABILITY
STATISTICAL PROBABILITY
RT % APPLICATIONS OF MATHEMATICS
BINOMIAL THEOREM
BOREL SETS
COMBINATORIAL ANALYSIS
CONFIDENCE
% CONJUNCTION
CONSECUTIVE EVENTS
CONTINUUMS
CORRELATION
DECISION THEORY
DISTRIBUTION FUNCTIONS
DUFFING DIFFERENTIAL EQUATION
EINSTEIN EQUATIONS
ERGODIC PROCESS
ERROR ANALYSIS
EVENTS
EXTREMUM VALUES
FORECASTING
FUZZY SYSTEMS
GAME THEORY
GOODNESS OF FIT
% INDICATION
INFINITY
INFORMATION THEORY
ITERATION
KOLMOGOROV-SMIRNOV TEST
LIKELIHOOD RATIO
MARTINGALES
% MATHEMATICS
MAXWELL-BOLTZMANN DENSITY FUNCTION
MINKOWSKI SPACE
MONTE CARLO METHOD
OPERATIONS RESEARCH
OUTLIERS (STATISTICS)
PARAMETER IDENTIFICATION
POPULATION THEORY
QUALITY CONTROL
RANDOM ERRORS
RANDOM NOISE
RELIABILITY
SAMPLING
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS
% STATISTICS
STIELTJES INTEGRAL
STOCHASTIC PROCESSES
SUBGROUPS
SYSTEM IDENTIFICATION
% THEORIES
TRANSITION PROBABILITIES
TRAVELING SALESMAN PROBLEM
UNIQUENESS THEOREM

PROBE METHOD (FORECASTING)
1905 3402 3404
GS FORECASTING
.TECHNOLOGICAL FORECASTING
.#PROBE METHOD (FORECASTING)
MANAGEMENT METHODS
#PROBE METHOD (FORECASTING)
RT DELPHI METHOD (FORECASTING)
ESTIMATING
% METHODOLOGY
OPERATIONS RESEARCH
PATTERN METHOD (FORECASTING)
PLANNING
PREDICTIONS
PROFILE METHOD (FORECASTING)
TECHNOLOGY ASSESSMENT

% PROBES
1406 1409 1413 1504 3108
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT GALILEO PROBE
GAS DETECTORS
MEASURING INSTRUMENTS
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
PIONEER VENUS 2 ENTRY PROBES
PIONEER VENUS 2 NIGHT PROBE
PIONEER VENUS 2 SPACECRAFT
PIONEER VENUS 2 TRANSPORTER BUS
PIONEER 8 SPACE PROBE
PIONEER 9 SPACE PROBE
PIONEER 10 SPACE PROBE
PIONEER 11 SPACE PROBE
RADIO PROBING
REMOTE SENSORS
SONDES
SPACE PROBES
TRANSDUCERS

PROBLEM SOLVING
0802 1902 3404 3406
GS #PROBLEM SOLVING
.ALTERNATING DIRECTION IMPLICIT
METHODS
.ASYMPTOTIC METHODS
.ITERATIVE SOLUTION
.THEOREM PROVING
RT APPROXIMATION
BACKWARD DIFFERENCING
COMPUTATIONAL GRIDS
CRANK-NICHOLSON METHOD
DECISION MAKING
DINING PHILOSOPHERS PROBLEM
EXISTENCE THEOREMS
GROUP DYNAMICS
HOMOTROPY
HOUSEHOLDER TRANSFORMATIONS
ITERATION
LEARNING THEORY
MANAGEMENT
MAZE LEARNING
% METHODOLOGY
NEWTON METHODS
SIMPLEX METHOD
% SOLUTION

% PROBLEMS
1902 2311 3406
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT BOLZA PROBLEMS
BOUNDARY VALUE PROBLEMS
CAUCHY PROBLEM
CHAPMAN-FERRARO PROBLEM
DIRICHLET PROBLEM
FOUR BODY PROBLEM
ISOPERIMETRIC PROBLEM
MANY BODY PROBLEM

```
        MAYER PROBLEM
        NEUMANN PROBLEM
        OPERATIONAL PROBLEMS
        POINCARE PROBLEM
        PRELAUNCH PROBLEMS
        THREE BODY PROBLEM
        TRACKING PROBLEM
        TRAVELING SALESMAN PROBLEM
        TWO BODY PROBLEM

PROCEDURES
  3406
  UF    METHODS
        PRACTICES
  GS   #PROCEDURES
        .BOUNDARY INTEGRAL METHOD
        .CREW PROCEDURES (INFLIGHT)
        .CREW PROCEDURES (PREFLIGHT)
        .FINITE ELEMENT METHOD
        .FINITE VOLUME METHOD
        .GLIMM METHOD
        .OPTICAL CORRECTION PROCEDURE
        .PANEL METHOD (FLUID DYNAMICS)
  RT    PROCUREMENT POLICY
        SYSTEMS ANALYSIS

PROCEEDINGS
  USE   CONFERENCES
        CONGRESSIONAL REPORTS

PROCESS CONTROL (INDUSTRY)
  3407
  RT    COMPONENT RELIABILITY
      % CONTROL
        PRODUCT DEVELOPMENT
        QUALITY CONTROL
        SAMPLING
        SPECIFICATIONS

PROCESS HEAT
  3407
  GS    HEAT
        #PROCESS HEAT
  RT    HEAT GENERATION

% PROCESSES
  3407
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    AUTOREGRESSIVE PROCESSES
        ISENTROPIC PROCESSES
        JET MEMBRANE PROCESS
        KRAFT PROCESS (WOODPULP)
        NONISENTROPICITY
        NONISOTHERMAL PROCESSES
        ORNSTEIN-UHLENBECK PROCESS
        PRODUCT DEVELOPMENT
        QUALITY CONTROL
        SOL-GEL PROCESSES
        SPACE INDUSTRIALIZATION
        UMKLAPP PROCESS

% PROCESSING
  0802 3407
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    ASSOCIATIVE PROCESSING (COMPUTERS)
        BATCH PROCESSING
        DATA PROCESSING
        FOOD PROCESSING
        IMAGE PROCESSING
        MANUFACTURING
        MATERIALS RECOVERY
        MESSAGE PROCESSING
        NUCLEAR FUEL REPROCESSING
        OPTICAL DATA PROCESSING
        PHOTOGRAPHIC PROCESSING
        PRODUCTION ENGINEERING
        RECYCLING
        REFINING
        RETORT PROCESSING
        SETTLING
        SIGNAL PROCESSING
        WET SPINNING

PROCESSORS (COMPUTERS)
  USE   CENTRAL PROCESSING UNITS

PROCUREMENT
  3406
  GS   #PROCUREMENT
        .GOVERNMENT PROCUREMENT
        .LEASING
  RT    CONTRACTS
        EQUIPMENT SPECIFICATIONS
        GOVERNMENT/INDUSTRY RELATIONS
      % RECEIVING
        SERVICES
        SPECIFICATIONS
        SUBCONTRACTS

PROCUREMENT MANAGEMENT
  3402 3404 3406
  GS    MANAGEMENT
        #PROCUREMENT MANAGEMENT
  RT    ALLOCATIONS
        BUDGETING
      % BUDGETS
        COMMODITIES
        FEDERAL BUDGETS
        FINANCIAL MANAGEMENT
        INVENTORY MANAGEMENT
        PRODUCTS
        SERVICES

PROCUREMENT POLICY
  3401 3402 3404 3406
  GS    POLICIES
        #PROCUREMENT POLICY
  RT    DECISIONS
        MANAGEMENT
        PROCEDURES
        REGULATIONS
        RULES

PRODUCT DEVELOPMENT
  1505 3404 3406 4001
  UF    ENGINEERING DEVELOPMENT
  GS   #PRODUCT DEVELOPMENT
        .WEAPONS DEVELOPMENT
  RT    AIRCRAFT DESIGN
        AIRCRAFT PRODUCTION
        AMPLIFIER DESIGN
        ANTENNA DESIGN
        BREADBOARD MODELS
        COMMERCE
        COMPUTER DESIGN
        CONSUMERS
      % DESIGN
      % DEVELOPMENT
        ENGINE DESIGN
        FUNCTIONAL DESIGN SPECIFICATIONS
        HELICOPTER DESIGN
        INVENTIONS
        LENS DESIGN
        MANAGEMENT
        MARKET RESEARCH
        MARKETING
        PATENT APPLICATIONS
        PATENT POLICY
        PILOT PLANTS
        PROCESS CONTROL (INDUSTRY)
      % PROCESSES
      % PRODUCTION
        PRODUCTION ENGINEERING
        QUALITY
        QUALITY CONTROL
        REACTOR DESIGN
        RELIABILITY
        SATELLITE DESIGN
        SOLVENT REFINED COAL
        SPACE INDUSTRIALIZATION
        SPACECRAFT DESIGN
```

STANDARDIZATION
STRUCTURAL DESIGN

% PRODUCTION
3404 3407
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AIRCRAFT PRODUCTION
FOOD PRODUCTION (IN SPACE)
FUEL PRODUCTION
OUTPUT
PRODUCT DEVELOPMENT
PRODUCTION ENGINEERING
PRODUCTION PLANNING
RESERVES
TOOLS

PRODUCTION COSTS
3402
GS #PRODUCTION COSTS
.AIRCRAFT PRODUCTION COSTS
RT COST ANALYSIS
COST ESTIMATES
DESIGN TO COST
LIFE CYCLE COSTS
OPERATING COSTS

PRODUCTION ENGINEERING
1504 3404 4001
UF PRODUCTION METHODS
GS #PRODUCTION ENGINEERING
.PRODUCTION PLANNING
RT AIRCRAFT PRODUCTION
AIRCRAFT PRODUCTION COSTS
% CAPACITY
% ENGINEERING
HUMAN FACTORS ENGINEERING
LASER APPLICATIONS
MANAGEMENT
NUMERICAL CONTROL
% OPERATIONS
PLANNING
% PROCESSING
PRODUCT DEVELOPMENT
% PRODUCTION
PRODUCTIVITY
PRODUCTS
SCHEDULING
STANDARDIZATION

PRODUCTION MANAGEMENT
3404 3406
GS MANAGEMENT
#PRODUCTION MANAGEMENT
RT AIRCRAFT PRODUCTION COSTS
EMPLOYEE RELATIONS
ESTIMATES
FABRICATION
INDUSTRIAL MANAGEMENT
MANUFACTURING
QUALITY CONTROL
RELIABILITY
RESOURCES
SAFETY MANAGEMENT
TOTAL QUALITY MANAGEMENT

PRODUCTION METHODS
USE PRODUCTION ENGINEERING

PRODUCTION PLANNING
3404
GS PLANNING
.MANAGEMENT PLANNING
.#PRODUCTION PLANNING
PRODUCTION ENGINEERING
#PRODUCTION PLANNING
RT SCHEDULES

PRODUCTIVITY
3402 3406
RT AIRCRAFT PRODUCTION COSTS
ALLOWANCES
EFFICIENCY
MATRIX MANAGEMENT
MORALE
PRODUCTION ENGINEERING
RELIABILITY
SOFTWARE REUSE
WORKSTATIONS

PRODUCTS
3402 3404
GS #PRODUCTS
.GREASES
.GROSS NATIONAL PRODUCT
.PETROLEUM PRODUCTS
..ASPHALT
..DIESEL FUELS
..GASOLINE
..TARS
.REACTION PRODUCTS
RT BY-PRODUCTS
COMBUSTION PRODUCTS
COMMODITIES
FISSION PRODUCTS
MANUFACTURING
OUTPUT
PROCUREMENT MANAGEMENT
PRODUCTION ENGINEERING
QUALITY CONTROL
RESOURCE ALLOCATION
SERVICES
SPACE INDUSTRIALIZATION

PROFICIENCY
USE ABILITIES

PROFILE METHOD (FORECASTING)
1905 3402 3404
GS FORECASTING
.TECHNOLOGICAL FORECASTING
.#PROFILE METHOD (FORECASTING)
MANAGEMENT METHODS
#PROFILE METHOD (FORECASTING)
RT DELPHI METHOD (FORECASTING)
ESTIMATING
% METHODOLOGY
OPERATIONS RESEARCH
PLANNING
PREDICTIONS
PROBE METHOD (FORECASTING)
TECHNOLOGY ASSESSMENT

% PROFILES
1407 1412 1902 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AIRFOIL PROFILES
ANGLES (GEOMETRY)
CURVATURE
DELINEATION
DISTRIBUTION (PROPERTY)
GEOMETRY
GRADIENTS
LINE SHAPE
PLANFORMS
PROFILOMETERS
SEARCH PROFILES
SHAPES
SHOCK WAVE PROFILES
SLOPES
STREAMLINING
TOPOGRAPHY
WIND PROFILES

PROFILOMETERS
1406 1704
GS MEASURING INSTRUMENTS
#PROFILOMETERS
RT % PROFILES
ROUGHNESS
SHAPES
SURFACE PROPERTIES

SURFACE ROUGHNESS

PROGENY
0404 0405
RT CHILDREN
REPRODUCTION (BIOLOGY)

PROGNOSIS
0405 3406
RT DIAGNOSIS

PROGNOZ SATELLITES
3107
GS ARTIFICIAL SATELLITES
.SOVIET SATELLITES
.#PROGNOZ SATELLITES

PROGRAM EVALUATION REVIEW TECHNIQUE
USE PERT

PROGRAM MANAGEMENT
USE PROJECT MANAGEMENT

PROGRAM RELIABILITY (COMPUTERS)
USE SOFTWARE RELIABILITY

PROGRAM TREND LINE ANALYSIS
0802 3405 3406
RT CRITICAL PATH METHOD
MANAGEMENT PLANNING
PERT
PROGRAMS
PROJECT MANAGEMENT

PROGRAM VERIFICATION (COMPUTERS)
0802
RT CHECKOUT
COMPUTER PROGRAMMING
FILE MAINTENANCE (COMPUTERS)
PROVING
SOFTWARE RELIABILITY
SOFTWARE TOOLS
SYSTEMS ANALYSIS
% TESTS

PROGRAMMABLE LOGIC DEVICES
RT ARCHITECTURE (COMPUTERS)
COMPUTER SYSTEMS DESIGN
CONTROLLERS
LOGIC CIRCUITS
LOGIC DESIGN

PROGRAMMED INSTRUCTION
0802
GS #PROGRAMMED INSTRUCTION
.COMPUTER ASSISTED INSTRUCTION
RT COMPILERS
COMPUTER PROGRAMMING
COMPUTER PROGRAMS

PROGRAMMERS
0802 0803
GS PERSONNEL
#PROGRAMMERS
RT CODERS
COMPUTER PROGRAMMING
FILE MAINTENANCE (COMPUTERS)

% PROGRAMMING
0802 3404 3405 3406
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT COMPUTER PROGRAMMING
DYNAMIC PROGRAMMING
FILE MAINTENANCE (COMPUTERS)
LINEAR PROGRAMMING
MATHEMATICAL PROGRAMMING
MICROPROGRAMMING
MULTIPROGRAMMING
NONLINEAR PROGRAMMING
QUADRATIC PROGRAMMING
STRUCTURED PROGRAMMING

PROGRAMMING (SCHEDULING)
3406
GS #PROGRAMMING (SCHEDULING)
.THRUST PROGRAMMING
RT CRITICAL PATH METHOD
% STEPS

PROGRAMMING ENVIRONMENTS
0802 4001
UF SEE (SOFTWARE ENGINEERING
ENVIRONMENTS)
SOFTWARE ENGINEERING ENVIRONMENTS
RT COMPUTER PROGRAMMING
COMPUTER PROGRAMS
ENVIRONMENTS
SOFTWARE ENGINEERING
SOFTWARE TOOLS

PROGRAMMING LANGUAGES
0802
GS LANGUAGES
#PROGRAMMING LANGUAGES
..ALGOL
..APL (PROGRAMMING LANGUAGE)
..ASSEMBLY LANGUAGE
...AUTOCODERS
...COMPASS (PROGRAMMING LANGUAGE)
...MAP (PROGRAMMING LANGUAGE)
..BASIC (PROGRAMMING LANGUAGE)
..COBOL
..COGO (PROGRAMMING LANGUAGE)
..CONTEXT FREE LANGUAGES
..FORTH (PROGRAMMING LANGUAGE)
..FORTRAN
..HAL/S (LANGUAGE)
..HIGH LEVEL LANGUAGES
...ADA (PROGRAMMING LANGUAGE)
...C (PROGRAMMING LANGUAGE)
....C++ (PROGRAMMING LANGUAGE)
..LISP (PROGRAMMING LANGUAGE)
..MACHINE ORIENTED LANGUAGES
...MARVS (PROGRAMMING LANGUAGE)
..NATURAL LANGUAGE (COMPUTERS)
..PASCAL (PROGRAMMING LANGUAGE)
..PL/1
..PROLOG (PROGRAMMING LANGUAGE)
RT COMPUTER PROGRAMMING
PREDICATE LOGIC
STRUCTURED PROGRAMMING

PROGRAMS
0802 3406 3409
GS #PROGRAMS
.ARMY-NAVY INSTRUMENTATION PROGRAM
.COMSAT PROGRAM
.DEFENSE PROGRAM
.DOWNRANGE ANTIMISSILE MEASUREMENT
PROGRAM
.GLOBAL ATMOSPHERIC RESEARCH
PROGRAM
..GARP ATLANTIC TROPICAL EXPERIMENT
.GULLIVER PROGRAM
.INTERNATIONAL GEOSPHERE-BIOSPHERE
PROGRAM
.LUNAR PROGRAMS
..APOLLO PROJECT
..SURVEYOR PROJECT
.NASA PROGRAMS
..ACEE PROGRAM
..ASSESS PROGRAM
..ATLIT PROJECT
..DAST PROGRAM
..NASA SPACE PROGRAMS
...APOLLO APPLICATIONS PROGRAM
...APOLLO PROJECT
...BIOASTRONAUTICAL ORBITAL SPACE
SYSTEM
...CENTAUR PROJECT
...EARTH & OCEAN PHYSICS
APPLICATIONS PROGRAM
...EARTH RESOURCES PROGRAM

....EARTH RESOURCES SURVEY PROGRAM
.....SEASAT PROGRAM
...ECHO PROJECT
...GALILEO PROJECT
...GEMINI PROJECT
...HELIOS PROJECT
...JUPITER PROJECT
...MAGELLAN PROJECT (NASA)
...MARINER PROGRAM
....MARINER VENUS-MERCURY 1973
....MARINER-MERCURY 1973
...MARS 69 PROJECT
...MARS 71 PROJECT
...MERCURY PROJECT
...NATIONAL LAUNCH VEHICLE PROGRAM
...NEW MOONS PROJECT
...NIMBUS PROJECT
...OPEN PROJECT
...PIONEER PROJECT
...PROJECT SETI
...RANGER PROJECT
....AGENA B RANGER PROGRAM
...ROVER PROJECT
...SAIL PROJECT
...SATURN PROJECT
...SCOUT PROJECT
...SKYLAB PROGRAM
...STARPROBE MISSION
...SURVEYOR PROJECT
...SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
...TEKTITE PROJECT
...TIROS PROJECT
...TITAN PROJECT
...VANGUARD PROJECT
...VIKING MARS PROGRAM
...VOYAGER PROJECT
..NATIONAL AEROSPACE PLANE PROGRAM
..QUIET ENGINE PROGRAM
..SUPERSONIC CRUISE AIRCRAFT RESEARCH
..TACT PROGRAM
..TERMINAL CONFIGURED VEHICLE PROGRAM
..TILT ROTOR RESEARCH AIRCRAFT PROGRAM
.PANT PROGRAM
.PROJECTS
..ADVENT PROJECT
..AGRISTARS PROJECT
..ALARM PROJECT
..ALOUETTE PROJECT
..APOLLO PROJECT
..APOLLO SOYUZ TEST PROJECT
..ARGUS PROJECT
..ASSET PROJECT
..ATLIT PROJECT
..BIG SHOT PROJECT
..BIOS PROJECT
..BUMBLEBEE PROJECT
..CENTAUR PROJECT
..DEFENDER PROJECT
..EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
..ECHO PROJECT
..ECLIPSE PROJECT
..EXPERIMENTAL REFLECTOR ORBITAL SHOT PROJ
..FIRE (CLIMATOLOGY)
..GALILEO PROJECT
..GEMINI PROJECT
..GEOSARI PROJECT
..HARVARD RADIO METEOR PROJECT
..HELIOS PROJECT
..ISCCP PROJECT
..JUPITER PROJECT
..MAGELLAN PROJECT (NASA)
..MARS 69 PROJECT
..MARS 71 PROJECT
..MERCURY PROJECT
..NEW MOONS PROJECT
..NIKE PROJECT
..NIMBUS PROJECT
..OPEN PROJECT
..PIONEER PROJECT
..PROJECT SETI
..RADIO ATTENUATION MEASUREMENT PROJECT
..RAND PROJECT
..RANGER PROJECT
...AGENA B RANGER PROGRAM
..ROVER PROJECT
..SAIL PROJECT
..SATURN PROJECT
..SCANNER PROJECT
..SCOUT PROJECT
..SEAFARER PROJECT
..SQUID PROJECT
..SUBMARINE INTEGRATED CONTROL PROJECT
..SUCCESS PROJECT
..SURVEYOR PROJECT
..SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
..TELSTAR PROJECT
..THEMIS PROJECT
..TIROS PROJECT
..TITAN PROJECT
..VANGUARD PROJECT
..VOYAGER PROJECT
..WEST FORD PROJECT
.RADAR TARGET SCATTER SITE PROGRAM
.SPACE PROGRAMS
..ARGENTINE SPACE PROGRAM
..AUSTRALIAN SPACE PROGRAM
..BRAZILIAN SPACE PROGRAM
..CANADIAN SPACE PROGRAM
...ALOUETTE PROJECT
..CHINESE SPACE PROGRAM
..EUROPEAN SPACE PROGRAMS
...AUSTRIAN SPACE PROGRAM
...BELGIAN SPACE PROGRAM
...CZECHOSLOVAKIAN SPACE PROGRAM
...DANISH SPACE PROGRAM
...FINNISH SPACE PROGRAM
...FRENCH SPACE PROGRAM
...GERMAN SPACE PROGRAM
...GREEK SPACE PROGRAM
...HUNGARIAN SPACE PROGRAM
...ICELANDIC SPACE PROGRAM
...ITALIAN SPACE PROGRAM
...LUXEMBOURG SPACE PROGRAM
...NETHERLANDS SPACE PROGRAM
...NORWEGIAN SPACE PROGRAM
...PORTUGUESE SPACE PROGRAM
...SPANISH SPACE PROGRAM
...SWEDISH SPACE PROGRAM
...SWISS SPACE PROGRAM
...TURKISH SPACE PROGRAM
...U.S.S.R. SPACE PROGRAM
...UK SPACE PROGRAM
..GEOGRAPHIC APPLICATIONS PROGRAM
..INDIAN SPACE PROGRAM
..INDONESIAN SPACE PROGRAM
..ISRAELI SPACE PROGRAM
..JAPANESE SPACE PROGRAM
..MEXICAN SPACE PROGRAM
..NASA SPACE PROGRAMS
...APOLLO APPLICATIONS PROGRAM
...APOLLO PROJECT
...BIOASTRONAUTICAL ORBITAL SPACE SYSTEM
...CENTAUR PROJECT
...EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
...EARTH RESOURCES PROGRAM
....EARTH RESOURCES SURVEY PROGRAM
.....SEASAT PROGRAM
...ECHO PROJECT
...GALILEO PROJECT
...GEMINI PROJECT
...HELIOS PROJECT
...JUPITER PROJECT
...MAGELLAN PROJECT (NASA)
...MARINER PROGRAM

....MARINER VENUS-MERCURY 1973
....MARINER-MERCURY 1973
...MARS 69 PROJECT
...MARS 71 PROJECT
...MERCURY PROJECT
...NATIONAL LAUNCH VEHICLE PROGRAM
...NEW MOONS PROJECT
...NIMBUS PROJECT
...OPEN PROJECT
...PIONEER PROJECT
...PROJECT SETI
...RANGER PROJECT
....AGENA B RANGER PROGRAM
...ROVER PROJECT
...SAIL PROJECT
...SATURN PROJECT
...SCOUT PROJECT
...SKYLAB PROGRAM
...STARPROBE MISSION
...SURVEYOR PROJECT
...SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
...TEKTITE PROJECT
...TIROS PROJECT
...TITAN PROJECT
...VANGUARD PROJECT
...VIKING MARS PROGRAM
...VOYAGER PROJECT
..NEW ZEALAND SPACE PROGRAM
..PAKISTAN SPACE PROGRAM
..SAUDI ARABIAN SPACE PROGRAM
.STARSITE PROGRAM
.TRAP PROGRAM
.UNIVERSITY PROGRAM
RT BUREAUS (ORGANIZATIONS)
COMMITTEE ON SPACE RESEARCH
COMPUTER PROGRAM INTEGRITY
COMPUTER PROGRAMS
EARTH RESOURCES INFORMATION SYSTEM
INVESTIGATION
MISSION PLANNING
% MISSIONS
% OPERATIONS
PROGRAM TREND LINE ANALYSIS
RESEARCH AND DEVELOPMENT
% RESEARCH PROJECTS
SEASAT SATELLITES
SEASAT 1
SEASAT-B SATELLITE
SOLAR MAXIMUM MISSION
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE
USER MANUALS (COMPUTER PROGRAMS)

PROGRESS
3406 3408
RT ECONOMICS
MANAGEMENT
PLANNING
% PROPERTIES

PROGRESSIONS
1902 1903
GS ANALYSIS (MATHEMATICS)
.CALCULUS
..SERIES (MATHEMATICS)
..#PROGRESSIONS
.REAL VARIABLES
..SERIES (MATHEMATICS)
..#PROGRESSIONS

PROHIBITION
3403
RT LEGAL LIABILITY
PENALTIES
POLICIES
REGULATIONS

PROJECT MANAGEMENT
3406 4001
UF PROGRAM MANAGEMENT
GS MANAGEMENT
#PROJECT MANAGEMENT
RT COMMERCE
CONTRACT MANAGEMENT
CRITICAL PATH METHOD
GERT
INTERFACES
MANAGEMENT PLANNING
MANAGEMENT SYSTEMS
MISSION PLANNING
PERT
PROGRAM TREND LINE ANALYSIS
PROJECTS
RESEARCH AND DEVELOPMENT
% RESEARCH PROJECTS
WEAPON SYSTEM MANAGEMENT

PROJECT PLANNING
3401 3404 3406 3409
GS PLANNING
.MANAGEMENT PLANNING
.#PROJECT PLANNING
RT ALLOCATIONS
BUDGETING
DECISIONS
ESTIMATES
FORECASTING
GOALS
MANAGEMENT
MATRIX MANAGEMENT
% MISSIONS
NASA INTERACTIVE PLANNING SYSTEM
OPERATIONS RESEARCH
PRIORITIES
PROJECTS

PROJECT SETI
3009
UF SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE
SETI
GS PROGRAMS
.NASA PROGRAMS
..NASA SPACE PROGRAMS
..#PROJECT SETI
.PROJECTS
.#PROJECT SETI
.SPACE PROGRAMS
..NASA SPACE PROGRAMS
..#PROJECT SETI
RT EXTRATERRESTRIAL INTELLIGENCE
RADIO COMMUNICATION
RADIO SIGNALS

PROJECTILE CRATERING
3110 3201
UF HYPERVELOCITY CRATERING
GS CRATERING
#PROJECTILE CRATERING
RT EJECTA
HYPERVELOCITY IMPACT
HYPERVELOCITY PROJECTILES
METEORITE CRATERS
METEORITIC DAMAGE
METEOROID HAZARDS

PROJECTILE PENETRATION
USE TERMINAL BALLISTICS

PROJECTILES
3101 3106 3108
GS #PROJECTILES
.HYPERVELOCITY PROJECTILES
.PRECISION GUIDED PROJECTILES
.SABOT PROJECTILES
RT AMMUNITION
BALLISTICS
BOMBS (ORDNANCE)
CARTRIDGES
FINNED BODIES
GUNFIRE
GUNS (ORDNANCE)
INCENDIARY AMMUNITION
NUCLEAR WEAPONS

PYROTECHNICS
SHAPED CHARGES
SHRAPNEL
TERMINAL BALLISTICS
TERRADYNAMICS
WARHEADS
WEAPONS

% PROJECTION
0702 0804 1303 1902 2311 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BONNE PROJECTION
DESCRIPTIVE GEOMETRY
DRAWINGS
FORECASTING
GNOMONIC PROJECTION
GRAPHIC ARTS
ILLUMINATING
MAGNIFICATION
PREDICTIONS
PROJECTORS
TRENDS

PROJECTIVE GEOMETRY
1902
GS GEOMETRY
.EUCLIDEAN GEOMETRY
.#PROJECTIVE GEOMETRY
...MERCATOR PROJECTION
RT ANALYTIC GEOMETRY
DESCRIPTIVE GEOMETRY
GNOMONIC PROJECTION
RECIPROCAL THEOREMS

PROJECTORS
0202 0701 1101 1407 1412 2311
SN (LIGHT AND IMAGE)
RT BEACONS
ILLUMINATING
LUMINAIRES
MOTION PICTURES
PHOTOGRAMMETRY
PHOTOGRAPHIC EQUIPMENT
PHOTOGRAPHY
PRINTERS
% PROJECTION
SEARCHLIGHTS

PROJECTS
3406 3409
GS PROGRAMS
#PROJECTS
..ADVENT PROJECT
..AGRISTARS PROJECT
..ALARM PROJECT
..ALOUETTE PROJECT
..APOLLO PROJECT
..APOLLO SOYUZ TEST PROJECT
..ARGUS PROJECT
..ASSET PROJECT
..ATLIT PROJECT
..BIG SHOT PROJECT
..BIOS PROJECT
..BUMBLEBEE PROJECT
..CENTAUR PROJECT
..DEFENDER PROJECT
..EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
..ECHO PROJECT
..ECLIPSE PROJECT
..EXPERIMENTAL REFLECTOR ORBITAL SHOT PROJ
..FIRE (CLIMATOLOGY)
..GALILEO PROJECT
..GEMINI PROJECT
..GEOSARI PROJECT
..HARVARD RADIO METEOR PROJECT
..HELIOS PROJECT
..ISCCP PROJECT
..JUPITER PROJECT
..MAGELLAN PROJECT (NASA)
..MARS 69 PROJECT
..MARS 71 PROJECT
..MERCURY PROJECT
..NEW MOONS PROJECT
..NIKE PROJECT
..NIMBUS PROJECT
..OPEN PROJECT
..PIONEER PROJECT
..PROJECT SETI
..RADIO ATTENUATION MEASUREMENT PROJECT
..RAND PROJECT
..RANGER PROJECT
...AGENA B RANGER PROGRAM
..ROVER PROJECT
..SAIL PROJECT
..SATURN PROJECT
..SCANNER PROJECT
..SCOUT PROJECT
..SEAFARER PROJECT
..SQUID PROJECT
..SUBMARINE INTEGRATED CONTROL PROJECT
..SUCCESS PROJECT
..SURVEYOR PROJECT
..SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
..TELSTAR PROJECT
..THEMIS PROJECT
..TIROS PROJECT
..TITAN PROJECT
..VANGUARD PROJECT
..VOYAGER PROJECT
..WEST FORD PROJECT
RT BUREAUS (ORGANIZATIONS)
CONTRACTS
ESTIMATING
% MISSIONS
% OPERATIONS
PROJECT MANAGEMENT
PROJECT PLANNING
% RESEARCH PROJECTS
TASKS
TEAMS

PROKARYOTES
0404 0406 0409
GS CELLS (BIOLOGY)
#PROKARYOTES
RT BACTERIA
BIOLOGICAL EVOLUTION
CYTOLOGY
EUKARYOTES
MOLECULAR BIOLOGY

PROLATE SPHEROIDS
1902 2402
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..ANALYTIC GEOMETRY
...SPHEROIDS
...#PROLATE SPHEROIDS
RT OBLATE SPHEROIDS

PROLATENESS
0101 0710 1202 1902 3203
RT SHAPES

PROLOG (PROGRAMMING LANGUAGE)
0802
GS LANGUAGES
.PROGRAMMING LANGUAGES
.#PROLOG (PROGRAMMING LANGUAGE)
RT ARTIFICIAL INTELLIGENCE
COMPUTER PROGRAMMING
EXPERT SYSTEMS

PROLONGATION
3406 3407
GS EXTENSIONS
#PROLONGATION
RT TIME

```
PROMETHAZINE
  1808
  GS    AMINES
        #PROMETHAZINE
        DRUGS
        .ANTIHISTAMINICS
        .#PROMETHAZINE
        ORGANIC COMPOUNDS
        .CYCLIC COMPOUNDS
        ..HETEROCYCLIC COMPOUNDS
        ..#PROMETHAZINE

PROMETHIUM
  1703 2406
  GS    CHEMICAL ELEMENTS
        .RARE EARTH ELEMENTS
        .#PROMETHIUM
        ...PROMETHIUM ISOTOPES
        METALS
        .RARE EARTH ELEMENTS
        .#PROMETHIUM
        ...PROMETHIUM ISOTOPES

PROMETHIUM ISOTOPES
  1703 2406
  UF    PROMETHIUM 146
  GS    CHEMICAL ELEMENTS
        .NUCLIDES
        ..ISOTOPES
        ..#PROMETHIUM ISOTOPES
        .RARE EARTH ELEMENTS
        ..PROMETHIUM
        ..#PROMETHIUM ISOTOPES
        METALS
        .RARE EARTH ELEMENTS
        ..PROMETHIUM
        ..#PROMETHIUM ISOTOPES

PROMETHIUM 146
  USE   PROMETHIUM ISOTOPES

PROMINENCES
  2902 3009
  GS   #PROMINENCES
        .SOLAR PROMINENCES
  RT    SOLAR ACTIVITY

PROMOTION
  3406 3407
  RT    DISPLAY DEVICES
        INCREASING
        PUBLIC RELATIONS
        UPGRADING

PRONE POSITION
  0401 0502 0506
  RT    REST
        SITTING POSITION
        SUPINE POSITION

PRONY SERIES
  0203 0208
  GS    ANALYSIS (MATHEMATICS)
        .CALCULUS
        ..SERIES (MATHEMATICS)
        ..#PRONY SERIES
        .REAL VARIABLES
        ..SERIES (MATHEMATICS)
        ..#PRONY SERIES

PROOFS
  USE   PROVING

PROP-FAN TECHNOLOGY
  0202
  UF    PROPFAN TECHNOLOGY
  RT    PROPELLER BLADES
        PROPELLER EFFICIENCY
        PROPELLER FANS
        TURBOPROP ENGINES

% PROPAGATION
  0710 1704 2311 2601 2603 3407
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  UF    PROPAGATORS
  RT    ACOUSTIC PROPAGATION
        ATTENUATION
        CRACK PROPAGATION
        DIFFRACTION PROPAGATION
        DIFFUSION
        ELECTROMAGNETIC RADIATION
        FLAME PROPAGATION
        PROPAGATION (EXTENSION)
        SELF PROPAGATION
        STRESS PROPAGATION
        TRANSEQUATORIAL PROPAGATION
        TRANSMISSION
        WAVE PROPAGATION

PROPAGATION (EXTENSION)
  2601 3407
  GS   #PROPAGATION (EXTENSION)
        .CRACK PROPAGATION
        .FLAME PROPAGATION
  RT % PROPAGATION

PROPAGATION MODES
  0710 2306 2402
  GS    MODES
        #PROPAGATION MODES
        ..WHISPERING GALLERY MODES
  RT    ANTIPODES
        CIRCULAR WAVEGUIDES
        ELECTROMAGNETIC SURFACE WAVES
        FIELD MODE THEORY
        MODE TRANSFORMERS
        MULTIMODE RESONATORS
        PROPAGATION VELOCITY
        SHOCK WAVE INTERACTION
        WAVE INTERACTION
        WAVE PROPAGATION
        WAVEGUIDES

PROPAGATION VELOCITY
  0710 2402 3009
  GS    RATES (PER TIME)
        #PROPAGATION VELOCITY
        VELOCITY
        #PROPAGATION VELOCITY
  RT    ELECTROMAGNETIC RADIATION
        GROUP VELOCITY
        PHASE VELOCITY
        PROPAGATION MODES
        WAVE PROPAGATION

PROPAGATORS
  USE   PROPAGATION

PROPANE
  1808 2702
  GS    ORGANIC COMPOUNDS
        .HYDROCARBONS
        ..ALIPHATIC HYDROCARBONS
        ...ALKANES
        ...#PROPANE
  RT    CYCLOPROPANE
        HYDROCARBON FUELS
        NITROPROPANE

PROPARGYL GROUPS
  0603
  GS    ORGANIC COMPOUNDS
        #PROPARGYL GROUPS
  RT    ETHERS
        GETTERS
        PHENYLS

% PROPELLANT ACTUATED DEVICES
  2802 3103 3110
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
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  RT    EJECTION SEATS
        EXPLOSIVE DEVICES
        PROPELLANT ACTUATED INSTRUMENTS
        ROCKET ENGINES

PROPELLANT ACTUATED INSTRUMENTS
  2802
  RT    ACTUATORS
        CONTROLLERS
      % INSTRUMENTS
        MEASURING INSTRUMENTS
      % PROPELLANT ACTUATED DEVICES

PROPELLANT ADDITIVES
  2702 2804 3301
  GS    ADDITIVES
        #PROPELLANT ADDITIVES
        ..PROPELLANT BINDERS
        ...SOLID ROCKET BINDERS
  RT    ANTIICING ADDITIVES
        ANTIOXIDANTS
        CATALYSTS
        COMPOSITE PROPELLANTS
        CORROSION PREVENTION
        GELLED PROPELLANTS
        INHIBITORS
        PLASTICIZERS
        STORABLE PROPELLANTS

PROPELLANT BINDERS
  1808 2702 2804 2809
  GS    ADDITIVES
        .PROPELLANT ADDITIVES
        .#PROPELLANT BINDERS
        ...SOLID ROCKET BINDERS
        BINDERS (MATERIALS)
        #PROPELLANT BINDERS
        ..SOLID ROCKET BINDERS
  RT    COMPOSITE PROPELLANTS
        GLYCIDYL AZIDE POLYMER
        ROCKET PROPELLANTS
        SOLID PROPELLANTS

PROPELLANT CASTING
  1502 1504 1704
  GS    CASTINGS
        #PROPELLANT CASTING
        FORMING TECHNIQUES
        .CASTING
        .#PROPELLANT CASTING

PROPELLANT CHEMISTRY
  0602 1808
  RT  % CHEMISTRY
        SOLID PROPELLANT COMBUSTION
        THERMOCHEMISTRY

PROPELLANT COMBUSTION
  2702 2804 2809 3301
  GS    COMBUSTION
        #PROPELLANT COMBUSTION
        ..SOLID PROPELLANT COMBUSTION
        ...SOLID PROPELLANT IGNITION
  RT    AXIAL MODES
        COMBUSTION EFFICIENCY
        COMBUSTION STABILITY
        EROSIVE BURNING
        FUEL COMBUSTION
        HYDROCARBON COMBUSTION
        IGNITION
        METAL COMBUSTION
        REACTING FLOW
        TURBULENT COMBUSTION
        VELOCITY COUPLING

PROPELLANT DECOMPOSITION
  0602 2702
  GS    DECOMPOSITION
        #PROPELLANT DECOMPOSITION
  RT    ENDOTHERMIC FUELS
        FUEL CORROSION
        INHIBITORS
        MONOPROPELLANTS
        STORABLE PROPELLANTS

PROPELLANT EVAPORATION
  0602 2702
  GS    PHASE TRANSFORMATIONS
        .VAPORIZING
        ..EVAPORATION
        ..#PROPELLANT EVAPORATION
  RT    EVAPORATIVE COOLING
        STORABLE PROPELLANTS

PROPELLANT EXPLOSIONS
  3301
  RT    DETONATION
        IMPLOSIONS
        ROCKET ENGINES

PROPELLANT GRAINS
  2702 2809 3301
  RT    BURNING RATE
      % GRAINS
        SOLID PROPELLANTS
        SOLID ROCKET PROPELLANTS

PROPELLANT MASS RATIO
  2702 3106
  GS    RATIOS
        .MASS RATIOS
        .#PROPELLANT MASS RATIO
  RT    PAYLOAD MASS RATIO
        PRESSURE RATIO
        PROPULSION SYSTEM PERFORMANCE
        PROPULSIVE EFFICIENCY
        SPECIFIC IMPULSE
        STAGE SEPARATION

PROPELLANT OXIDIZERS
  USE   ROCKET OXIDIZERS

PROPELLANT PROPERTIES
  2702 2804 2809 3301 3304
  GS   #PROPELLANT PROPERTIES
        .PROPELLANT SENSITIVITY
        .PROPELLANT STORABILITY
  RT    CHEMICAL PROPERTIES
        ELASTIC PROPERTIES
        MECHANICAL PROPERTIES
      % PHYSICAL PROPERTIES
      % PROPERTIES
        THERMODYNAMIC PROPERTIES

PROPELLANT SENSITIVITY
  2702 2804 2809
  GS    PROPELLANT PROPERTIES
        #PROPELLANT SENSITIVITY
        SENSITIVITY
        #PROPELLANT SENSITIVITY
  RT    IGNITION TEMPERATURE
        IMPACT RESISTANCE
        SHOCK RESISTANCE
        SPONTANEOUS COMBUSTION
        STORABLE PROPELLANTS

PROPELLANT SPRAYS
  2702 2804 2809 3301
  RT    FUEL INJECTION
        FUEL SPRAYS
        LIQUID INJECTION
        LIQUID ROCKET PROPELLANTS
        SPRAYERS

PROPELLANT STORABILITY
  1103 2702 2804 2809
  GS    PROPELLANT PROPERTIES
        #PROPELLANT STORABILITY
  RT    FUEL CORROSION
        INHIBITORS
        STORABLE PROPELLANTS

PROPELLANT STORAGE
  1103 2702 2804 2809
  RT    CONSUMABLES (SPACECRAFT)
```

EXPULSION BLADDERS
FUEL TANK PRESSURIZATION
FUEL TANKS
GROUND SUPPORT EQUIPMENT
HANDLING EQUIPMENT
MISSILE STORAGE
ROCKET PROPELLANTS
SPACE STORAGE
STORABLE PROPELLANTS
% STORAGE
UNDERGROUND STORAGE

PROPELLANT TANKS
2702 2804 2806 2808 2809
UF ROCKET PROPELLANT TANKS
GS TANKS (CONTAINERS)
#PROPELLANT TANKS
RT CYLINDRICAL TANKS
EXPULSION BLADDERS
EXTERNAL TANKS
FLUID FILLED SHELLS
FUEL TANK PRESSURIZATION
FUEL TANKS
LIQUID FILLED SHELLS
LIQUID PROPELLANT ROCKET ENGINES
LIQUID SLOSHING
PRESSURE VESSELS
SPHERICAL TANKS
STORAGE TANKS
TANK GEOMETRY
ULLAGE

PROPELLANT TESTS
2702 3404
RT COLD FLOW TESTS
CORROSION TESTS
ENGINE TESTS
FUEL TESTS
INTERIOR BALLISTICS
% MATERIALS TESTS
MISSILE TESTS
PROPULSIVE EFFICIENCY
STABILITY TESTS
% TESTS

PROPELLANT TRANSFER
1103 2702 2806
GS FLUID FLOW
.FUEL FLOW
.#PROPELLANT TRANSFER
MATERIALS HANDLING
#PROPELLANT TRANSFER
RT FUEL CONTROL
FUEL SYSTEMS
LIQUID SLOSHING
REFUELING

PROPELLANTS
2701 2702
GS #PROPELLANTS
.COLLOIDAL PROPELLANTS
.DOUBLE BASE PROPELLANTS
..DOUBLE BASE ROCKET PROPELLANTS
.GELLED PROPELLANTS
..GELLED ROCKET PROPELLANTS
.GUN PROPELLANTS
.HIGH ENERGY PROPELLANTS
..DOMINO PROPELLANTS
.HIGH TEMPERATURE PROPELLANTS
.HYBRID PROPELLANTS
.HYDRAZINE NITROFORM
.HYDROGEN AZIDES
.NITRASOL EXPLOSIVES
.PENTOLITE
.RDX
.ROCKET PROPELLANTS
..GASEOUS ROCKET PROPELLANTS
..LIQUID ROCKET PROPELLANTS
...CRYOGENIC ROCKET PROPELLANTS
...GELLED ROCKET PROPELLANTS
...HYPERGOLIC ROCKET PROPELLANTS
...MONOPROPELLANTS
....AEROZINE
...RP-1 ROCKET PROPELLANTS
...SLURRY PROPELLANTS
....SLUSH HYDROGEN
..NITRAMINE PROPELLANTS
..SOLID ROCKET PROPELLANTS
...DOUBLE BASE ROCKET PROPELLANTS
...METAL PROPELLANTS
..TAGN
..TATB
.SOLID PROPELLANTS
..CASE BONDED PROPELLANTS
..COMPOSITE PROPELLANTS
..NITRAMINE PROPELLANTS
..PLASTIC PROPELLANTS
..SOLID ROCKET PROPELLANTS
...DOUBLE BASE ROCKET PROPELLANTS
...HMX
...HTPB PROPELLANTS
...METAL PROPELLANTS
.STORABLE PROPELLANTS
.TETRYL
RT AMMUNITION
ASCENT PROPULSION SYSTEMS
AUXILIARY PROPULSION
BALLISTICS
BURNING RATE
CARTRIDGES
CHEMICAL FUELS
% ENERGY SOURCES
EXPLOSIVES
FUEL TANKS
FUELS
FULMINATES
GUNS (ORDNANCE)
INCENDIARY AMMUNITION
% POWER SUPPLIES
PROPULSION
SPACECRAFT POWER SUPPLIES
SPACECRAFT PROPULSION
SPECIFIC IMPULSE
TORPEDOES

PROPELLER BLADES
0104 0202
GS AIRFOILS
#PROPELLER BLADES
RT BLADE TIPS
% BLADES
FAN BLADES
FEATHERING
PROP-FAN TECHNOLOGY
PROPELLERS
ROTARY WINGS
SYNCHROPHASING

PROPELLER DRIVE
0104 0201 2801
GS MECHANICAL DRIVES
#PROPELLER DRIVE
..HELICOPTER PROPELLER DRIVE
RT CONTRAROTATING PROPELLERS
MARINE PROPULSION
PROPELLERS
UNDERWATER PROPULSION

PROPELLER EFFICIENCY
0101 0104 0201
GS EFFICIENCY
.PROPULSIVE EFFICIENCY
.#PROPELLER EFFICIENCY
RT CONTRAROTATING PROPELLERS
POWER EFFICIENCY
PROP-FAN TECHNOLOGY
PROPELLERS

PROPELLER FANS
0202
GS PROPELLERS
#PROPELLER FANS
RT DUCTED FANS
% FANS
LIFT FANS

PROP-FAN TECHNOLOGY

PROPELLER NOISE
2801 2805
GS ELASTIC WAVES
.SOUND WAVES
..NOISE (SOUND)
...AERODYNAMIC NOISE
...#PROPELLER NOISE
...AIRCRAFT NOISE
...#PROPELLER NOISE
RT ACOUSTIC RETROFITTING
AEROACOUSTICS
BLADE SLAP NOISE
ENGINE NOISE
MUFFLERS
NOISE INTENSITY
NOISE MEASUREMENT
NOISE PREDICTION (AIRCRAFT)
NOISE REDUCTION
SOUND FIELDS
SOUND TRANSMISSION

PROPELLER SLIPSTREAMS
0101 0102 0104
GS WAKES
.AIRCRAFT WAKES
..SLIPSTREAMS
..#PROPELLER SLIPSTREAMS
.TURBULENT WAKES
..SLIPSTREAMS
..#PROPELLER SLIPSTREAMS
RT INTERFERENCE DRAG

PROPELLERS
0104 0202 1202 1504
GS #PROPELLERS
.CONTRAROTATING PROPELLERS
.PROPELLER FANS
.SHROUDED PROPELLERS
.TILTED PROPELLERS
.VARIABLE PITCH PROPELLERS
RT ACTUATOR DISKS
FEATHERING
PROPELLER BLADES
PROPELLER DRIVE
PROPELLER EFFICIENCY
SHIPS

% PROPERTIES
3408
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF ATTRIBUTES
RT ACOUSTIC PROPERTIES
BIODEGRADABILITY
CHEMICAL PROPERTIES
CREEP PROPERTIES
DIELECTRIC PROPERTIES
DYNAMIC CHARACTERISTICS
ELECTRICAL PROPERTIES
ELECTROMAGNETIC PROPERTIES
HYGRAL PROPERTIES
MACROSCOPIC EQUATIONS
MAGNETIC PROPERTIES
% MATERIALS SCIENCE
MECHANICAL PROPERTIES
OPTICAL PROPERTIES
% PHYSICAL PROPERTIES
PLASTIC PROPERTIES
POROSITY
PREJUDICES
PROGRESS
PROPELLANT PROPERTIES
PROXIMITY
RECOVERABILITY
REGULARITY
SHEAR PROPERTIES
STRUCTURAL PROPERTIES (GEOLOGY)
SURFACE PROPERTIES
TENSILE PROPERTIES
THERMOCHEMICAL PROPERTIES
THERMODYNAMIC PROPERTIES
THERMOPHYSICAL PROPERTIES
TRANSPORT PROPERTIES
TURBIDITY
VIRTUAL PROPERTIES

PROPFAN TECHNOLOGY
USE PROP-FAN TECHNOLOGY

PROPHYLAXIS
0405 0504
RT DISEASES
IMMUNOLOGY

PROPIONIC ACID
0403 1808
GS ACIDS
.CARBOXYLIC ACIDS
..FATTY ACIDS
..#PROPIONIC ACID
ORGANIC COMPOUNDS
.CARBOXYLIC ACIDS
..FATTY ACIDS
..#PROPIONIC ACID

PROPORTION
1902 1905
RT DISTRIBUTING
RATIOS

PROPORTIONAL CONTROL
0104 0201 0202
GS AUTOMATIC CONTROL
#PROPORTIONAL CONTROL
RT % CONTROL
CONTROL EQUIPMENT
FEEDBACK CONTROL
OFF-ON CONTROL
SERVOCONTROL

PROPORTIONAL COUNTERS
1201 2403 2405 2903
GS IONIZATION CHAMBERS
#PROPORTIONAL COUNTERS
MEASURING INSTRUMENTS
.COUNTERS
..RADIATION COUNTERS
..#PROPORTIONAL COUNTERS
.RADIATION MEASURING INSTRUMENTS
..RADIATION COUNTERS
..#PROPORTIONAL COUNTERS
RT DOSIMETERS
GEIGER COUNTERS
NEUTRON COUNTERS

PROPORTIONAL LIMIT
3408
UF ELASTIC STRENGTH
GS MECHANICAL PROPERTIES
.ELASTIC PROPERTIES
.#PROPORTIONAL LIMIT
RANGE (EXTREMES)
#PROPORTIONAL LIMIT
RT CRITICAL LOADING
MODULUS OF ELASTICITY
STRESS-STRAIN DIAGRAMS

PROPOSALS
1106 3404 3405 3406 3409
RT CONTRACTS
COST ANALYSIS
REPORTS
RESEARCH AND DEVELOPMENT

PROPRIOCEPTION
0401 0405 0408
UF KINESTHESIS
GS PERCEPTION
.SENSORY PERCEPTION
.#PROPRIOCEPTION
...AUTOKINESIS
RT KINESTHESIA

```
PROPRIOCEPTORS
  0401 0405 0408
  GS   ANATOMY
       .SENSE ORGANS
       .#PROPRIOCEPTORS
       RECEPTORS (PHYSIOLOGY)
       #PROPRIOCEPTORS
  RT   BARORECEPTORS
       NERVOUS SYSTEM
       SENSITOMETRY

PROPULSION
  2802 2803 2804 2809 3407 0101
  GS  #PROPULSION
       .ASCENT PROPULSION SYSTEMS
       .AUXILIARY PROPULSION
       .CHEMICAL PROPULSION
       ..HYBRID PROPULSION
       .DESCENT PROPULSION SYSTEMS
       .ELECTRIC PROPULSION
       ..ELECTROMAGNETIC PROPULSION
       ..ELECTROSTATIC PROPULSION
       ...ION PROPULSION
       ..LASER PROPULSION
       ..PLASMA PROPULSION
       ..SOLAR ELECTRIC PROPULSION
       .JET PROPULSION
       .LOW THRUST PROPULSION
       ..ELECTROMAGNETIC PROPULSION
       ..ELECTROSTATIC PROPULSION
       ...ION PROPULSION
       ..MAN OPERATED PROPULSION SYSTEMS
       ..PHOTONIC PROPULSION
       ..PLASMA PROPULSION
       ..SOLAR PROPULSION
       ...SOLAR ELECTRIC PROPULSION
       ...SOLAR THERMAL PROPULSION
       .MARINE PROPULSION
       ..UNDERWATER PROPULSION
       ...SUBMARINE PROPULSION
       .NUCLEAR PROPULSION
       ..NUCLEAR ELECTRIC PROPULSION
       .SPACE STATION PROPULSION
       .SPACECRAFT PROPULSION
       ..ELECTROMAGNETIC PROPULSION
       ..ELECTROSTATIC PROPULSION
       ...ION PROPULSION
       ..MATTER-ANTIMATTER PROPULSION
       ..NEGATIVE MATTER PROPULSION
       ..PHOTONIC PROPULSION
       ..PLASMA PROPULSION
       ..SOLAR PROPULSION
       ...SOLAR ELECTRIC PROPULSION
       ...SOLAR THERMAL PROPULSION
  RT   AERONAUTICAL ENGINEERING
     % AIRCRAFT
     % ASTRONAUTICS
     % DRIVES
       ENGINES
       EXHAUST GASES
       FUEL TANK PRESSURIZATION
       FUEL TANKS
       HIGH IMPULSE
       LOCOMOTION
       MASS DRIVERS
       MISSILES
       POST BOOST PROPULSION SYSTEM
       PROPELLANTS
       PROPULSIVE EFFICIENCY
       PULLING
       PUSHING
       ROCKET PROPELLANTS
       SOLAR SAILS
       SPACE FLIGHT
       SPACE SHUTTLE MAIN ENGINE
       SPACE TUGS
       THRUST

PROPULSION SYSTEM CONFIGURATIONS
  2808 3106
  GS  #PROPULSION SYSTEM CONFIGURATIONS
       .ASCENT PROPULSION SYSTEMS
       .DESCENT PROPULSION SYSTEMS
  RT   AERODYNAMIC CONFIGURATIONS
       AIRCRAFT CONFIGURATIONS
       AUXILIARY PROPULSION
     % CONFIGURATIONS
       CONVERTIBLE FAN-SHAFT ENGINES
       LASER PROPULSION
       LAUNCH VEHICLE CONFIGURATIONS
       MISSILE CONFIGURATIONS
       POST BOOST PROPULSION SYSTEM
       SPACE STATION PROPULSION
       SPACECRAFT CONFIGURATIONS
     % SYSTEMS
       TOPPING CYCLE ENGINES

PROPULSION SYSTEM PERFORMANCE
  2702 2802 2808 3106
  RT   COLD FLOW TESTS
       COMBUSTION EFFICIENCY
     % PERFORMANCE
       POWER EFFICIENCY
       PROPELLANT MASS RATIO
       PROPULSIVE EFFICIENCY
       ROCKET THRUST
       SOLAR THERMAL PROPULSION
       SPECIFIC IMPULSE
     % SYSTEMS
       THERMODYNAMIC EFFICIENCY

PROPULSIVE EFFICIENCY
  2702 2802 2808 3106
  GS   EFFICIENCY
       #PROPULSIVE EFFICIENCY
       ..PROPELLER EFFICIENCY
  RT   COMBUSTION EFFICIENCY
       ENGINE TESTS
       LASER PROPULSION
       MULTISTAGE ROCKET VEHICLES
       NOZZLE EFFICIENCY
       POWER EFFICIENCY
       PROPELLANT MASS RATIO
       PROPELLANT TESTS
       PROPULSION
       PROPULSION SYSTEM PERFORMANCE
       SPECIFIC IMPULSE
       THERMODYNAMIC EFFICIENCY
       THRUST PROGRAMMING

PROPYL COMPOUNDS
  0603 1808
  RT % CHEMICAL COMPOUNDS

PROPYL NITRATE
  1808
  GS   ALKYL COMPOUNDS
       #PROPYL NITRATE
       ESTERS
       .NITRATE ESTERS
       .#PROPYL NITRATE
       NITROGEN COMPOUNDS
       .NITRATE ESTERS
       .#PROPYL NITRATE

PROPYLENE
  1808
  GS   ORGANIC COMPOUNDS
       .HYDROCARBONS
       ..ALIPHATIC HYDROCARBONS
       ...ALKENES
       ...#PROPYLENE

PROPYLENE OXIDE
  1503 1808
  GS   EPOXY COMPOUNDS
       #PROPYLENE OXIDE

PROSPECTING
  USE  EXPLORATION

PROSTAGLANDINS
  0403 0404 0408
  GS   ORGANIC COMPOUNDS
```

.LIPIDS
..STEROIDS
..#PROSTAGLANDINS
SECRETIONS
.ENDOCRINE SECRETIONS
..HORMONES
..#PROSTAGLANDINS
RT BIOSYNTHESIS
PROSTATE GLAND

PROSTATE GLAND
0404 0408
GS ANATOMY
.GENITOURINARY SYSTEM
..REPRODUCTIVE SYSTEMS
...SEX GLANDS
...#PROSTATE GLAND
.GLANDS (ANATOMY)
..SEX GLANDS
..#PROSTATE GLAND
RT BLADDER
PROSTAGLANDINS

PROSTHETIC DEVICES
0405 0408
GS MEDICAL EQUIPMENT
#PROSTHETIC DEVICES
..ARTIFICIAL EARS
RT WALKING MACHINES

PROTACTINIUM
1703 2406
GS CHEMICAL ELEMENTS
#PROTACTINIUM
..PROTACTINIUM ISOTOPES
METALS
#PROTACTINIUM
..PROTACTINIUM ISOTOPES

PROTACTINIUM COMPOUNDS
0603 1804
GS #PROTACTINIUM COMPOUNDS
.PROTACTINIUM FLUORIDES
RT % CHEMICAL COMPOUNDS
% METAL COMPOUNDS

PROTACTINIUM FLUORIDES
0603 1804
GS HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORIDES
...METAL FLUORIDES
...#PROTACTINIUM FLUORIDES
PROTACTINIUM COMPOUNDS
#PROTACTINIUM FLUORIDES

PROTACTINIUM ISOTOPES
0603 1703 2406
UF PROTACTINIUM 234
GS CHEMICAL ELEMENTS
.NUCLIDES
..ISOTOPES
..#PROTACTINIUM ISOTOPES
.PROTACTINIUM
.#PROTACTINIUM ISOTOPES
METALS
.PROTACTINIUM
.#PROTACTINIUM ISOTOPES

PROTACTINIUM 234
USE PROTACTINIUM ISOTOPES

PROTEASE
0403 1808
GS BIOPOLYMERS
.PROTEINS
..ENZYMES
..#PROTEASE
ORGANIC COMPOUNDS
.PROTEINS
..ENZYMES
..#PROTEASE

PROTECTION
0502 0504 1504 3406 3407
GS #PROTECTION
.ACCELERATION PROTECTION
.CIRCUIT PROTECTION
.CORROSION PREVENTION
.ENVIRONMENT PROTECTION
.EYE PROTECTION
.METEOROID PROTECTION
.RADIATION PROTECTION
..RADIATION SHIELDING
...SOLAR RADIATION SHIELDING
.THERMAL PROTECTION
RT ACCIDENT PREVENTION
AIRPORT SECURITY
CIVIL DEFENSE
COATINGS
COUNTERMEASURES
FLYING EJECTION SEATS
HAZARDS
HOUSINGS
INSULATION
PREVENTION
PROTECTORS
% RESISTANCE
SAFETY
SAFETY DEVICES
SHIELDING
WARNING
WARNING SYSTEMS

PROTECTIVE CLOTHING
0401 0508
GS CLOTHING
#PROTECTIVE CLOTHING
..HELMETS
..PRESSURE SUITS
...SPACE SUITS
....EXTRAVEHICULAR MOBILITY UNITS
..VAPOR BARRIER CLOTHING
RT ARMOR
CHEMICAL DEFENSE
COVERALLS
EMERGENCY LIFE SUSTAINING SYSTEMS
FLIGHT CLOTHING
GLOVES
GOGGLES
MASKS
SAFETY DEVICES
SHOES

PROTECTIVE COATINGS
1505 1802 3404
UF CERAMAL PROTECTIVE COATINGS
SPRAYED PROTECTIVE COATINGS
GS COATINGS
#PROTECTIVE COATINGS
..ANODIC COATINGS
..CERAMIC COATINGS
..PRIMERS (COATINGS)
..REFRACTORY COATINGS
RT ALKYD RESINS
ALUMINIDES
ANODIZING
CLADDING
% CONSTRUCTION MATERIALS
CORROSION
DESENSITIZING
ELECTROPLATING
ENCAPSULATING
FINISHES
GLASS COATINGS
GLAZES
GOLD COATINGS
INORGANIC COATINGS
LACQUERS
METAL COATINGS
NICKEL COATINGS
PAINTS
PLASTIC COATINGS
PLATING
RUBBER COATINGS

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        SPRAYED COATINGS
        SURFACE FINISHING
        TRANSGRANULAR CORROSION
        VARNISHES
        WATERPROOFING
        ZINC COATINGS

PROTECTORS
  0508 1802
  GS   #PROTECTORS
        .EAR PROTECTORS
  RT    BUMPERS
      % CONTAINERS
        ENCLOSURES
        FAIRINGS
        HOUSINGS
        PROTECTION
        SAFETY DEVICES
      % SCREENS
        SHEATHS
        SHIELDING

PROTEIN CRYSTAL GROWTH
  0602 2601 2603
  GS    GROWTH
        .CRYSTAL GROWTH
        .#PROTEIN CRYSTAL GROWTH
  RT    PROTEIN SYNTHESIS
        PROTEINS
        SPACE PROCESSING

PROTEIN DENATURATION
  USE   BIOPOLYMER DENATURATION

PROTEIN METABOLISM
  0403 0406 0505
  GS    METABOLISM
        #PROTEIN METABOLISM
        ..LIPID METABOLISM
  RT    PROTEIN SYNTHESIS
        SYNTHETIC FOOD

PROTEIN SYNTHESIS
  0403
  RT    BIOLOGICAL EVOLUTION
        CHEMICAL EVOLUTION
        PROTEIN CRYSTAL GROWTH
        PROTEIN METABOLISM

PROTEINOIDS
  0403 1808
  GS    BIOPOLYMERS
        .PROTEINS
        .#PROTEINOIDS
        ORGANIC COMPOUNDS
        .PROTEINS
        .#PROTEINOIDS

PROTEINS
  0403 0406 1808
  GS    BIOPOLYMERS
        #PROTEINS
        ..ALBUMINS
        ..ASPARTATES
        ..CALMODULIN
        ..ELASTIN
        ..ENZYMES
        ...ALDOLASE
        ...AMIDASE
        ...CARBONIC ANHYDRASE
        ...CATALASE
        ...CHOLINESTERASE
        ...CYTOCHROMES
        ...HEXOKINASE
        ...LYSOZYME
        ...NUCLEASE
        ...OXIDASE
        ...PAPAIN
        ...PEPSIN
        ...PROTEASE
        ...THROMBIN
        ...TRYPSIN
        ..FIBRIN
        ..GLOBULINS
        ...FIBRINOGEN
        ...GAMMA GLOBULIN
        ..HEMOGLOBIN
        ...CARBOXYHEMOGLOBIN
        ...OXYHEMOGLOBIN
        ..KERATINS
        ..LIPOPROTEINS
        ..MELANIN
        ..MYOGLOBIN
        ..PROTEINOIDS
        ..PROTHROMBIN
        ..PROTOPROTEINS
        ORGANIC COMPOUNDS
        #PROTEINS
        ..ALBUMINS
        ..ASPARTATES
        ..CALMODULIN
        ..ELASTIN
        ..ENZYMES
        ...ALDOLASE
        ...AMIDASE
        ...CARBONIC ANHYDRASE
        ...CATALASE
        ...CHOLINESTERASE
        ...CYTOCHROMES
        ...HEXOKINASE
        ...LYSOZYME
        ...NUCLEASE
        ...OXIDASE
        ...PAPAIN
        ...PEPSIN
        ...PROTEASE
        ...THROMBIN
        ...TRYPSIN
        ..FIBRIN
        ..GLOBULINS
        ...FIBRINOGEN
        ...GAMMA GLOBULIN
        ..HEMOGLOBIN
        ...CARBOXYHEMOGLOBIN
        ...OXYHEMOGLOBIN
        ..KERATINS
        ..LIPOPROTEINS
        ..MELANIN
        ..MYOGLOBIN
        ..PROTEINOIDS
        ..PROTHROMBIN
        ..PROTOPROTEINS
  RT    ADRENOCORTICOTROPIN (ACTH)
        ALANINE
        BIOPOLYMER DENATURATION
        COLLAGENS
        CYSTEAMINE
        CYSTEINE
      % FOOD
        MACROMOLECULES
        NUCLEIC ACIDS
        NUCLEOTIDES
      % NUTRIENTS
        PEPTIDES
        POLYNUCLEOTIDES
        POLYPEPTIDES
        PROTEIN CRYSTAL GROWTH
        PROTOPLASM
        SERUMS
        SYNTHETIC FOOD

PROTHROMBIN
  0403 1808
  GS    BIOPOLYMERS
        .PROTEINS
        .#PROTHROMBIN
        ORGANIC COMPOUNDS
        .PROTEINS
        .#PROTHROMBIN
  RT    THROMBIN

PROTIUM
  USE   LIGHT WATER

PROTOBIOLOGY
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  0403 0404
  RT   ABIOGENESIS
       BIOLOGICAL EVOLUTION
     % BIOLOGY
       CHEMICAL EVOLUTION
       PALEONTOLOGY
       VIRUSES

PROTOCOL (COMPUTERS)
  0802
  RT   CHANNELS (DATA TRANSMISSION)
       COMMUNICATION NETWORKS
       COMPUTER NETWORKS
       DATA LINKS
       DATA PROCESSING
       DATA TRANSMISSION
       LOCAL AREA NETWORKS
       PACKET SWITCHING

PROTON BEAMS
  2403 2405
  GS   BEAMS (RADIATION)
       .PARTICLE BEAMS
       .#PROTON BEAMS
  RT   NEUTRON BEAMS

PROTON BELTS
  1302 2403 2903
  GS   PARTICLES
       .CHARGED PARTICLES
       ..MAGNETICALLY TRAPPED PARTICLES
       ...RADIATION BELTS
       ...#PROTON BELTS
       .TRAPPED PARTICLES
       ..MAGNETICALLY TRAPPED PARTICLES
       ...RADIATION BELTS
       ...#PROTON BELTS
  RT % BELTS
       INNER RADIATION BELT
       OUTER RADIATION BELT

PROTON DAMAGE
  2401 2403
  GS   DAMAGE
       #PROTON DAMAGE

PROTON DENSITY (CONCENTRATION)
  2403 2903
  GS   DENSITY (NUMBER/VOLUME)
       .PARTICLE DENSITY (CONCENTRATION)
       ..ION DENSITY (CONCENTRATION)
       ..#PROTON DENSITY (CONCENTRATION)
       ....MAGNETOSPHERIC PROTON DENSITY
  RT   ATMOSPHERIC DENSITY
       ATOM CONCENTRATION
       PLASMA DENSITY
       SPACE DENSITY

PROTON ENERGY
  2403 2405
  GS   PARTICLE ENERGY
       #PROTON ENERGY
  RT   ACTIVATION ENERGY
       ELECTRON ENERGY
     % ENERGY
       KINETIC ENERGY
       SURFACE ENERGY

PROTON FLUX DENSITY
  2403 2405 3009
  SN   (LIMITED TO PROTON EMISSION OR
       DETECTION RATE PER UNIT AREA)
  GS   RATES (PER TIME)
       .FLUX DENSITY
       ..RADIANT FLUX DENSITY
       ...PARTICLE FLUX DENSITY
       ...#PROTON FLUX DENSITY
  RT   IRRADIANCE
       RADIANCY
       RADIATION COUNTERS
       SOLAR FLUX DENSITY

PROTON IMPACT
  2403 2405
  GS   IMPACT
       #PROTON IMPACT
  RT   ELECTRON IMPACT
       POINT IMPACT

PROTON IRRADIATION
  2403 2901 2903 3009
  GS   IRRADIATION
       .ION IRRADIATION
       .#PROTON IRRADIATION
  RT   DEUTERON IRRADIATION
       ELECTRON RADIATION

PROTON MAGNETIC RESONANCE
  2307 2403 2405
  GS   RESONANCE
       .MAGNETIC RESONANCE
       ..NUCLEAR MAGNETIC RESONANCE
       ..#PROTON MAGNETIC RESONANCE

PROTON MASERS
  1601 2306 2310 2403
  GS   STIMULATED EMISSION DEVICES
       .MASERS
       .#PROTON MASERS
  RT   MAGNETOMETERS

PROTON PRECESSION
  2403 2502
  GS   GYRATION
       .PRECESSION
       .#PROTON PRECESSION
  RT   FREE VIBRATION

PROTON PRECIPITATION
  2401 2403
  GS   PARTICLE PRECIPITATION
       #PROTON PRECIPITATION
  RT   AURORAS
       ELECTRON PRECIPITATION
       PARTICLES
     % PRECIPITATION
       RADIATION BELTS
       TRAPPED PARTICLES
       UPPER ATMOSPHERE

PROTON PROTUBERANCES
  2403
  GS   PROTUBERANCES
       #PROTON PROTUBERANCES

PROTON RESONANCE
  2307 2403 2404 2405
  GS   RESONANCE
       .MAGNETIC RESONANCE
       ..NUCLEAR MAGNETIC RESONANCE
       ..#PROTON RESONANCE
  RT   NUCLEAR PARTICLES

PROTON SATELLITES
  3107
  GS   ARTIFICIAL SATELLITES
       .SOVIET SATELLITES
       .#PROTON SATELLITES
       ...PROTON 1 SATELLITE
       ...PROTON 2 SATELLITE
       ...PROTON 3 SATELLITE
       ...PROTON 4 SATELLITE
  RT   U.S.S.R. SPACE PROGRAM

PROTON SCATTERING
  2403 2405
  GS   NUCLEAR REACTIONS
       #PROTON SCATTERING
       SCATTERING
       #PROTON SCATTERING
  RT   ION SCATTERING

PROTON TELESCOPES
  USE  PARTICLE TELESCOPES
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PROTON 1 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..PROTON SATELLITES
        ..#PROTON 1 SATELLITE

PROTON 2 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..PROTON SATELLITES
        ..#PROTON 2 SATELLITE

PROTON 3 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..PROTON SATELLITES
        ..#PROTON 3 SATELLITE

PROTON 4 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..PROTON SATELLITES
        ..#PROTON 4 SATELLITE

PROTON-PROTON REACTIONS
  2403 2405 2902
  GS    NUCLEAR REACTIONS
        #PROTON-PROTON REACTIONS
  RT    ANNIHILATION REACTIONS
      % INTERACTIONS
        POMERONS
        THERMONUCLEAR REACTIONS

PROTONS
  2401 2403 2404 3009
  GS    PARTICLES
        .CHARGED PARTICLES
        .#PROTONS
        ...RECOIL PROTONS
        ...SOLAR PROTONS
        .ELEMENTARY PARTICLES
        ..FERMIONS
        ..#PROTONS
        ....RECOIL PROTONS
        ....SOLAR PROTONS
  RT    ALPHA PARTICLES
        ANTIPROTONS
        BARYONS
        COSMIC RAYS
        DEUTERONS
        FLUX DENSITY
        HYDROGEN IONS
        IONS
        NUCLEAR PARTICLES
        NUCLEI (NUCLEAR PHYSICS)
        NUCLEON POTENTIAL
        NUCLEONS
        POSITIVE IONS
        RADIATION BELTS
        RADIATION SHIELDING
        TRITONS

PROTOPLANETS
  3001
  UF    PLANETESIMALS
  GS    CELESTIAL BODIES
        #PROTOPLANETS
  RT    COSMOLOGY
        PLANETARY ENVIRONMENTS
        PLANETARY EVOLUTION
        PLANETARY MASS
        PLANETS
        SOLAR ORBITS
        SOLAR SYSTEM
        STELLAR EVOLUTION

PROTOPLASM
  0404 0406
  RT    PROTEINS

PROTOPLASTS
  0404 0406
  GS    CELLS (BIOLOGY)
        #PROTOPLASTS

PROTOPROTEINS
  0403 1808
  GS    BIOPOLYMERS
        .PROTEINS
        .#PROTOPROTEINS
        ORGANIC COMPOUNDS
        .PROTEINS
        .#PROTOPROTEINS
  RT    AMINO ACIDS

PROTOSTARS
  3001 3003
  GS    CELESTIAL BODIES
        .STARS
        .#PROTOSTARS
        ...PRE-MAIN SEQUENCE STARS
        ....T TAURI STARS
  RT    BROWN DWARF STARS
        STAR FORMATION
        STELLAR EVOLUTION
        STELLAR MASS ACCRETION

PROTOTYPES
  0201 3110
  RT    BREADBOARD MODELS
      % PATTERNS
        PILOT PLANTS

PROTOZOA
  0402 0407
  GS    ANIMALS
        #PROTOZOA
        ..AMOEBA
        ...PELOMYXA
        ..FLAGELLATA
        ...EUGLENA
        ...TRYPANOSOME
        ..PARAMECIA
        MICROORGANISMS
        #PROTOZOA
        ..AMOEBA
        ...PELOMYXA
        ..FLAGELLATA
        ...EUGLENA
        ...TRYPANOSOME
        ..PARAMECIA
  RT    MICROSPORES
        SPORES

PROTRACTORS
  1406 1902
  GS    MEASURING INSTRUMENTS
        #PROTRACTORS
  RT    ANGLES (GEOMETRY)

PROTUBERANCES
  0102 0202 3110
  SN    (COMPONENTS MOUNTED EXTERNAL TO
        THE STRUCTURE)
  GS   #PROTUBERANCES
        .PROTON PROTUBERANCES
  RT    AERODYNAMIC CONFIGURATIONS
        AERODYNAMIC INTERFERENCE
        AIRCRAFT ANTENNAS
        AIRCRAFT PARTS
        AIRFRAMES
      % BLISTERS
        COWLINGS
        DOMES (STRUCTURAL FORMS)
        EXTERNAL STORE SEPARATION
        EXTERNAL STORES
        FAIRINGS
        FUEL TANKS
        HOUSINGS
        NACELLES
        PAPILLAE
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      PITOT TUBES
      RADOMES
    % RIDGES
      SHELLS (STRUCTURAL FORMS)
      VORTEX ALLEVIATION
      WING-FUSELAGE STORES
      WINGLETS

PROUSTITE
  1306 1703 1804 1806
  GS  ARSENIC COMPOUNDS
      .ARSENIDES
      .#PROUSTITE
      MINERALS
      #PROUSTITE

PROVIDER AIRCRAFT
  USE  C-123 AIRCRAFT

PROVING
  1103 1108 1902 2311 3406 3407
  UF  CONFIRMATION
      DEMONSTRATION
      PROOFS
      VALIDATION
      VERIFICATION (PROVING)
  GS  #PROVING
      .THEOREM PROVING
  RT  ACCEPTABILITY
      APPROACH AND LANDING TESTS (STS)
      ERROR DETECTION CODES
      EVALUATION
      EXAMINATION
      LUNAR ROVING VEHICLES
      MATHEMATICAL LOGIC
    % MEASUREMENT
      PROGRAM VERIFICATION (COMPUTERS)
    % ROVINGS
    % TESTS

PROVISIONING
  0302
  RT  CONSUMABLES (SPACECREW SUPPLIES)
    % FOOD
      LIFE SUPPORT SYSTEMS
      SPACE RATIONS
      STOWAGE (ONBOARD EQUIPMENT)

PROXIMITY
  3408
  RT  DISTANCE
    % PROPERTIES
      TIGHTNESS

PROXIMITY EFFECT (ELECTRICITY)
  0902
  GS  ELECTRICAL PROPERTIES
      .INDUCTANCE
      .#PROXIMITY EFFECT (ELECTRICITY)
      ELECTROMAGNETIC PROPERTIES
      .INDUCTANCE
      .#PROXIMITY EFFECT (ELECTRICITY)
  RT % EFFECTS
      ELECTRICITY
      SUPERCONDUCTORS
      VOLT-AMPERE CHARACTERISTICS

PRTR (REACTOR)
  USE  PLUTONIUM RECYCLE TEST REACTOR

PRUSSIC ACID
  USE  HYDROCYANIC ACID

PSEUDOMONAS
  0404 0407 0412
  GS  MICROORGANISMS
      .BACTERIA
      .#PSEUDOMONAS

PSEUDONOISE
  0703 0704
  RT  RANDOM NOISE

PSEUDOPOTENTIALS
  1002
  RT  IMPURITIES
      MELTING
      SEMICONDUCTORS (MATERIALS)

PSEUDORANDOM SEQUENCES
  0802 0804 1905
  RT  RANDOM NUMBERS
    % SIGNALS

PSYCHIATRY
  0401 0405 0408
  GS  MEDICAL SCIENCE
      #PSYCHIATRY
      ..NEUROPSYCHIATRY
      ..SOCIAL PSYCHIATRY
  RT  BRAIN
      MILITARY PSYCHOLOGY
      PSYCHOLOGY
      PSYCHOTHERAPY

PSYCHOACOUSTICS
  0408 0410 2301
  GS  ACOUSTICS
      #PSYCHOACOUSTICS
      PSYCHOLOGY
      .PSYCHOPHYSICS
      .#PSYCHOACOUSTICS
  RT  AUDITORY PERCEPTION
      AUDITORY SIGNALS
      BELLS
      BIOACOUSTICS
      NOISE INTENSITY
      PSYCHOLOGICAL EFFECTS
      PSYCHOLOGICAL FACTORS

PSYCHOLINGUISTICS
  3405 0408
  GS  LINGUISTICS
      #PSYCHOLINGUISTICS
  RT  INTELLIGIBILITY
      PHONEMES
      PHONEMICS
      ROBOTS
      SEMANTICS
      SYLLABLES
      SYNTAX

PSYCHOLOGICAL EFFECTS
  0408 0410
  GS  #PSYCHOLOGICAL EFFECTS
      .DESYNCHRONIZATION (BIOLOGY)
      .ILLUSIONS
      ..HALLUCINATIONS
      ..MOON ILLUSION
      ..OCULOGRAVIC ILLUSIONS
      ..OPTICAL ILLUSION
      ...ELEVATOR ILLUSION
      .JET LAG
  RT  AFTERIMAGES
      AVIATION PSYCHOLOGY
      BIOLOGICAL EFFECTS
      BOREDOM
      COMFORT
      CONFIDENCE
      DISORIENTATION
    % EFFECTS
      EMOTIONS
      ENVIRONMENTAL ENGINEERING
      ENVIRONMENTS
      FRUSTRATION
      HUMAN FACTORS ENGINEERING
      HUMAN REACTIONS
      HUMIDITY
      MILITARY PSYCHOLOGY
      MOODS
      PSYCHOACOUSTICS
      REACTION TIME
      SPACE ADAPTATION SYNDROME
      SPACE PSYCHOLOGY
      STRESS (PSYCHOLOGY)
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        TAYLOR MANIFEST ANXIETY SCALE

PSYCHOLOGICAL FACTORS
  0408 0410
  RT    ASTRONAUT PERFORMANCE
        AVIATION PSYCHOLOGY
        EMOTIONAL FACTORS
        FLIGHT STRESS (BIOLOGY)
        HABITS
        MOODS
        PERMISSIVITY
        PSYCHOACOUSTICS
        PSYCHOSOMATICS
        REWARD (PSYCHOLOGY)
        SEX FACTOR
        SPACE PSYCHOLOGY
      % STIMULI
        STRESS (PSYCHOLOGY)

PSYCHOLOGICAL INDEXES
  USE   PSYCHOLOGICAL TESTS

PSYCHOLOGICAL SETS
  0408 0410
  GS    PSYCHOLOGY
        #PSYCHOLOGICAL SETS

PSYCHOLOGICAL TESTS
  0408 0410 0502 1905
  UF    PSYCHOLOGICAL INDEXES
  GS   #PSYCHOLOGICAL TESTS
        .RORSCHACH TESTS
  RT    CERTIFICATION
        ENVIRONMENTAL TESTS
        INTELLIGENCE TESTS
        LIMEN
        MILITARY PSYCHOLOGY
        PERSONALITY TESTS
        PILOT SELECTION
        PSYCHOMETRICS
        RATIOS
        SKINNER BOXES
        TAYLOR MANIFEST ANXIETY SCALE
      % TESTS

PSYCHOLOGY
  0408 0410
  GS   #PSYCHOLOGY
        .AVIATION PSYCHOLOGY
        .COGNITIVE PSYCHOLOGY
        .MILITARY PSYCHOLOGY
        .PSYCHOLOGICAL SETS
        .PSYCHOPHYSICS
        ..PSYCHOACOUSTICS
        .SPACE PSYCHOLOGY
  RT    BIOFEEDBACK
        BOREDOM
        BRAIN
        CYBERNETICS
        DETACHMENT
        DIAGNOSIS
        DISORDERS
        DISORIENTATION
        EMOTIONAL FACTORS
        EMOTIONS
        EXTROVERSION
        FRUSTRATION
        INSPIRATION
        INTELLECT
        INTROVERSION
        MORALE
        PREJUDICES
        PSYCHIATRY
        PSYCHOMETRICS
        PSYCHOTHERAPY
        RORSCHACH TESTS
        STRESS (PSYCHOLOGY)
        SUBLIMINAL STIMULI

PSYCHOMETRICS
  0408 0410 0502 1905
  RT    DIAGNOSIS
        EDUCATION
        MILITARY PSYCHOLOGY
        NORMS
        PERSONALITY TESTS
        PSYCHOLOGICAL TESTS
        PSYCHOLOGY
        PSYCHOMOTOR PERFORMANCE
        PSYCHOPHYSICS
        PSYCHOSOMATICS
        SKINNER BOXES

PSYCHOMOTOR PERFORMANCE
  0401 0405 0408
  GS    SENSORIMOTOR PERFORMANCE
        #PSYCHOMOTOR PERFORMANCE
        ..PSYCHOSOMATICS
  RT    BIOCONTROL SYSTEMS
        HUMAN PERFORMANCE
        HUMAN REACTIONS
        MENTAL PERFORMANCE
        OPERATOR PERFORMANCE
        PHYSIOLOGICAL TESTS
        PILOT PERFORMANCE
        PSYCHOMETRICS
        REACTION TIME
        WORKLOADS (PSYCHOPHYSIOLOGY)

PSYCHOPHARMACOLOGY
  0405
  GS    PHARMACOLOGY
        #PSYCHOPHARMACOLOGY
  RT    CENTRAL NERVOUS SYSTEM
        CENTRAL NERVOUS SYSTEM DEPRESSANTS
        CENTRAL NERVOUS SYSTEM STIMULANTS
        DRUGS
        LIFE SCIENCES
        MEDICAL SCIENCE
      % MEDICINE
        NERVOUS SYSTEM
        PSYCHOTROPIC DRUGS

PSYCHOPHYSICS
  0408 2311
  GS    PSYCHOLOGY
        #PSYCHOPHYSICS
        ..PSYCHOACOUSTICS
  RT  % PHYSICS
        PSYCHOMETRICS
      % SCIENCE

PSYCHOPHYSIOLOGY
  0401 0405 0408
  GS    PHYSIOLOGY
        #PSYCHOPHYSIOLOGY
  RT    EVOKED RESPONSE (PSYCHOPHYSIOLOGY)
        INFORMATION PROCESSING (BIOLOGY)
      % SCIENCE
        WORKLOADS (PSYCHOPHYSIOLOGY)

PSYCHOSES
  0408 0410
  GS   #PSYCHOSES
        .PSYCHOTIC DEPRESSION
        .SCHIZOPHRENIA
  RT    DETACHMENT
        DISORDERS
        FEAR
        IRRATIONALITY
        NEUROSES

PSYCHOSOMATICS
  0401 0405 0408 0410
  GS    SENSORIMOTOR PERFORMANCE
        .PSYCHOMOTOR PERFORMANCE
        .#PSYCHOSOMATICS
  RT    PSYCHOLOGICAL FACTORS
        PSYCHOMETRICS

PSYCHOTHERAPY
  0405 0408 0410
  GS    THERAPY
        #PSYCHOTHERAPY
  RT    CONVULSIONS
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        GESTALT THEORY
        HEALTH
        MENTAL HEALTH
        NEUROPSYCHIATRY
        PSYCHIATRY
        PSYCHOLOGY
        PSYCHOTROPIC DRUGS

PSYCHOTIC DEPRESSION
  0408 0410
  GS    PSYCHOSES
        #PSYCHOTIC DEPRESSION
  RT %  DEPRESSION
        NEUROTIC DEPRESSION

PSYCHOTROPIC DRUGS
  0405
  GS    DRUGS
        #PSYCHOTROPIC DRUGS
        ..MARIJUANA
  RT    CENTRAL NERVOUS SYSTEM
        NARCOTICS
        NEUROPHYSIOLOGY
        PHYSIOCHEMISTRY
        PSYCHOPHARMACOLOGY
        PSYCHOTHERAPY
        SEDATIVES

PSYCHROMETERS
  1301 1408 2001 2003
  GS    MEASURING INSTRUMENTS
        .MOISTURE METERS
        ..HYGROMETERS
        ..#PSYCHROMETERS
  RT    ATMOSPHERIC MOISTURE
        CHEMICAL ANALYSIS
        HUMIDITY
        HUMIDITY MEASUREMENT
        METEOROLOGICAL INSTRUMENTS

PSYCHROPHILES
  0404 0407
  RT    MESOPHILES
        MICROORGANISMS
        THERMOPHILES

PTM (MODULATION)
  USE   PULSE TIME MODULATION

PTOLEMAEUS CRATER
  3001 3006 3008
  GS    CRATERS
        .LUNAR CRATERS
        .#PTOLEMAEUS CRATER
  RT    METEORITE CRATERS

PUBLIC ADDRESS SYSTEMS
  0702 3302 3401
  RT %  SYSTEMS
        WARNING SYSTEMS

PUBLIC HEALTH
  0403 0405
  GS    BIOPHYSICS
        .HEALTH PHYSICS
        .#PUBLIC HEALTH
        HEALTH
        .HEALTH PHYSICS
        .#PUBLIC HEALTH
  RT    HAZARDOUS MATERIAL DISPOSAL (IN
        SPACE)
        HYGIENE
        MEDICAL SERVICES
        NONPOINT SOURCES
        OCCUPATIONAL DISEASES
        ORAL HYGIENE
        POLLUTION
        SANITATION
        URBAN PLANNING

PUBLIC LAW
  3403
  GS    LAW (JURISPRUDENCE)
        #PUBLIC LAW
        ..LIABILITIES
        ...LEGAL LIABILITY
        ..PENALTIES
  RT    AIR LAW
        INSURANCE (CONTRACTS)

PUBLIC RELATIONS
  3402 3404 3406
  RT %  COOPERATION
        IMPROVEMENT
        PROMOTION
        UPGRADING

PUBLIC SPEAKING
  0404
  UF    ORATORY
  RT    LECTURES
        SPEECH

PUBLICATIONS
  USE   DOCUMENTS

PUERTO RICO
  1305
  GS    LANDFORMS
        .ISLANDS
        ..WEST INDIES
        ..#PUERTO RICO
  RT    UNITED STATES

PULLEYS
  1504 2308
  RT %  BELTS
        BLOCKS
        IDLERS
        ROLLERS
        WHEELS
        WINCHES

PULLING
  3407
  RT %  DRAWING
     %  FORCE
        PROPULSION
        TRACTION

PULLING (FREQUENCY STABILITY)
  USE   FREQUENCY PULLING

PULMONARY CIRCULATION
  0405 0408
  GS    CIRCULATION
        .BLOOD CIRCULATION
        .#PULMONARY CIRCULATION
  RT    ALVEOLI
        ARTIFICIAL CARDIAC PACEMAKER
        BLOOD PUMPS
        HEART IMPLANTATION
        LUNGS
        RESPIRATORY SYSTEM

PULMONARY FUNCTIONS
  0401 0405 0408
  RT    ALVEOLI
     %  FUNCTIONS
        LUNGS

PULMONARY LESIONS
  0405
  GS    DISEASES
        #PULMONARY LESIONS
        INJURIES
        .LESIONS
        .#PULMONARY LESIONS
  RT    LUNG MORPHOLOGY
        LUNGS
        OCCUPATIONAL DISEASES
        RESPIRATORY DISEASES

PULSAR MAGNETOSPHERES
  2307 3001
```

GS STELLAR MAGNETOSPHERES
#PULSAR MAGNETOSPHERES
RT MAGNETIC FIELDS
% MAGNETOSPHERES
PULSARS
STELLAR ATMOSPHERES
STELLAR MAGNETIC FIELDS

PULSARS
3001
GS CELESTIAL BODIES
.RADIO SOURCES (ASTRONOMY)
..RADIO STARS
..#PULSARS
.STARS
..NEUTRON STARS
..#PULSARS
..RADIO STARS
..#PULSARS
RT DEGENERATE MATTER
PULSAR MAGNETOSPHERES
QUASARS
RADIATION SOURCES
RADIO ASTRONOMY
RADIO BURSTS
STARQUAKES
SUPERNOVA REMNANTS

PULSATING FLOW
USE UNSTEADY FLOW

PULSE (CARDIOVASCULAR)
USE HEART RATE

PULSE AMPLITUDE
1002 2402
UF PULSE HEIGHT
GS AMPLITUDES
#PULSE AMPLITUDE
WAVEFORMS
#PULSE AMPLITUDE
RT AMPLITUDE DISTRIBUTION ANALYSIS
ELECTRIC PULSES
PHOTOPEAK
PULSED RADIATION
SAWTOOTH WAVEFORMS
SQUARE WAVES

PULSE AMPLITUDE MODULATION
0710 1002 2402
UF PAM (MODULATION)
GS CODING
.SIGNAL ENCODING
..PULSE MODULATION
..#PULSE AMPLITUDE MODULATION
MODULATION
.PULSE MODULATION
.#PULSE AMPLITUDE MODULATION
RT MODEMS
P.A.C.M. TELEMETRY

PULSE CHARGING
2304
RT BATTERY CHARGERS
ELECTRIC BATTERIES
ELECTRIC CHARGE
STORAGE BATTERIES

PULSE CODE MODULATION
0702 1002 2402
UF PCM (MODULATION)
GS CODING
.SIGNAL ENCODING
..PULSE MODULATION
..#PULSE CODE MODULATION
....DELTA MODULATION
....DIFFERENTIAL PULSE CODE MODULATION
MODULATION
.PULSE MODULATION
.#PULSE CODE MODULATION
...DELTA MODULATION
...DIFFERENTIAL PULSE CODE MODULATION
RT BITERNARY CODE
DECOMMUTATORS
P.A.C.M. TELEMETRY
PCM TELEMETRY
UNIFIED S BAND

PULSE COMMUNICATION
0702 0708 0902 2402
UF DIGITAL COMMUNICATION
GS TELECOMMUNICATION
#PULSE COMMUNICATION
..DIGITAL SPACECRAFT TELEVISION
RT BIT ERROR RATE
COMMUNICATION NETWORKS
DATA TRANSMISSION
DELTA MODULATION
DIFFERENTIAL PULSE CODE MODULATION
DIGITAL TELEVISION
ELECTROMAGNETIC MISSILES
ELECTROMAGNETIC PULSES
FREQUENCY DIVISION MULTIPLEXING
MODEMS
MULTIPLE ACCESS
MULTIPLEXING
ORTHOGONAL MULTIPLEXING THEORY
RADIO COMMUNICATION
RADIO TRANSMISSION
SATELLITE TRANSMISSION
SIGNAL TRANSMISSION
SPACE COMMUNICATION
TELEGRAPH SYSTEMS
TELEMETRY
TIME DIVISION MULTIPLE ACCESS

PULSE COMPRESSION
0703 0802 1002
RT CODING
COMPRESSING
RADAR

PULSE DIFFRACTION
1002 2402 2502
GS DIFFRACTION
#PULSE DIFFRACTION
RT PLASMA JETS
PULSED RADIATION
WAVE PROPAGATION

PULSE DOPPLER RADAR
0705 0709 1503
GS RADAR
.PULSE RADAR
.#PULSE DOPPLER RADAR
...EARTH RESOURCES SHUTTLE IMAGING RADAR
...MONOPULSE RADAR
RT CANCELLATION CIRCUITS
COHERENT RADAR

PULSE DURATION
1002 1406
UF LIGHT DURATION
PULSE WIDTH
GS WAVEFORMS
#PULSE DURATION
RT ELECTRIC PULSES
LASER OUTPUTS
MASER OUTPUTS
PULSE REPETITION RATE
PULSED RADIATION
SAWTOOTH WAVEFORMS
SQUARE WAVES
TIME SIGNALS
ULTRASHORT PULSED LASERS

PULSE DURATION MODULATION
1002 2402 2502
UF PDM (MODULATION)
PULSE WIDTH MODULATION
PWM (MODULATION)
GS CODING

.SIGNAL ENCODING
..PULSE MODULATION
...PULSE TIME MODULATION
...#PULSE DURATION MODULATION
MODULATION
.PULSE MODULATION
..PULSE TIME MODULATION
..#PULSE DURATION MODULATION
RT MODEMS

PULSE FREQUENCY MODULATION
0705 0710 1002 2402
UF PFM (MODULATION)
GS CODING
.SIGNAL ENCODING
..FREQUENCY MODULATION
..#PULSE FREQUENCY MODULATION
..PULSE MODULATION
..#PULSE FREQUENCY MODULATION
MODULATION
.FREQUENCY MODULATION
.#PULSE FREQUENCY MODULATION
.PULSE MODULATION
.#PULSE FREQUENCY MODULATION
RT COMMUNICATION EQUIPMENT
DIFFERENTIAL PULSE CODE MODULATION
MODEMS

PULSE FREQUENCY MODULATION TELEMETRY
0501 0702 0705 0708
GS TELECOMMUNICATION
.RADIO COMMUNICATION
..RADIO TELEMETRY
..#PULSE FREQUENCY MODULATION TELEMETRY
.TELEMETRY
..RADIO TELEMETRY
..#PULSE FREQUENCY MODULATION TELEMETRY
TRANSMISSION
.SIGNAL TRANSMISSION
..TELEMETRY
...RADIO TELEMETRY
...#PULSE FREQUENCY MODULATION TELEMETRY
RT COMMUNICATION EQUIPMENT
FREQUENCY MODULATION
MODULATION
PULSE MODULATION
RADIO TRANSMISSION
SIGNAL ENCODING

PULSE GENERATORS
0705 0903 0905 2501
RT COMPULSATORS
ELECTRIC PULSES
FUNCTION GENERATORS
% GENERATORS
IMPULSE GENERATORS
LASER CAVITIES
LASERS
PLASMA GENERATORS
PULSE REPETITION RATE
PULSED RADIATION
SHOCK WAVE GENERATORS

PULSE HEATING
3303 3501
GS HARDENING (MATERIALS)
#PULSE HEATING
HEAT TREATMENT
.ANNEALING
.#PULSE HEATING
HEATING
.TRANSIENT HEATING
.#PULSE HEATING
RT LASER HEATING
SIMULATED ANNEALING

PULSE HEIGHT
USE PULSE AMPLITUDE

PULSE MODULATION
0702 0710 1002 2402
GS CODING
.SIGNAL ENCODING
.#PULSE MODULATION
...PULSE AMPLITUDE MODULATION
...PULSE CODE MODULATION
....DELTA MODULATION
....DIFFERENTIAL PULSE CODE MODULATION
...PULSE FREQUENCY MODULATION
...PULSE TIME MODULATION
....PULSE DURATION MODULATION
....PULSE POSITION MODULATION
MODULATION
#PULSE MODULATION
..PULSE AMPLITUDE MODULATION
..PULSE CODE MODULATION
...DELTA MODULATION
...DIFFERENTIAL PULSE CODE MODULATION
..PULSE FREQUENCY MODULATION
..PULSE TIME MODULATION
...PULSE DURATION MODULATION
...PULSE POSITION MODULATION
RT AMPLITUDE MODULATION
DEMODULATION
DEMODULATORS
ELECTRIC PULSES
ELECTROMAGNETIC MISSILES
ELECTROMAGNETIC PULSES
FREQUENCY MODULATION
LIGHT MODULATION
MODEMS
MODULATORS
PHASE MODULATION
PULSE FREQUENCY MODULATION
TELEMETRY
PULSED RADIATION
RADIO TELEMETRY
TIME DIVISION MULTIPLEXING
TRIGATRONS

PULSE POSITION MODULATION
0710 1002 2402
UF PPM (MODULATION)
GS CODING
.SIGNAL ENCODING
..PULSE MODULATION
...PULSE TIME MODULATION
...#PULSE POSITION MODULATION
MODULATION
.PULSE MODULATION
..PULSE TIME MODULATION
..#PULSE POSITION MODULATION
RT MODEMS

PULSE RADAR
0705 0710
GS RADAR
#PULSE RADAR
..PULSE DOPPLER RADAR
...EARTH RESOURCES SHUTTLE IMAGING RADAR
...MONOPULSE RADAR
RT COHERENT RADAR
CONTINUOUS WAVE RADAR
DOPPLER RADAR
ECHO SUPPRESSORS
ELECTROMAGNETIC PULSES
METEOROLOGICAL RADAR
MULTISTATIC RADAR
POLYSTATION DOPPLER TRACKING SYSTEM
SEARCH RADAR
SURVEILLANCE RADAR
SYNCHRONIZERS
TRACKING RADAR

PULSE RATE
0701 0702 0905 1002
SN (FOR CARDIOVASCULAR PULSE, USE HEART RATE)
UF CHRONOTRONS

```
  GS   RATES (PER TIME)
       #PULSE RATE
       ..PULSE REPETITION RATE
  RT   ELECTRIC PULSES
       PICOSECOND PULSES
       PULSED RADIATION

PULSE RECORDERS
  USE  COUNTERS

PULSE REPETITION RATE
  0701
  GS   RATES (PER TIME)
       .PULSE RATE
       .#PULSE REPETITION RATE
  RT % FREQUENCY RESPONSE
       OPTICAL PUMPING
       PULSE DURATION
       PULSE GENERATORS
       PULSED LASERS

PULSE TIME MODULATION
  0702 0710 1002 2402
  UF   PTM (MODULATION)
  GS   CODING
       .SIGNAL ENCODING
       ..PULSE MODULATION
       ..#PULSE TIME MODULATION
       ....PULSE DURATION MODULATION
       ....PULSE POSITION MODULATION
       MODULATION
       .PULSE MODULATION
       .#PULSE TIME MODULATION
       ...PULSE DURATION MODULATION
       ...PULSE POSITION MODULATION

PULSE WIDTH
  USE  PULSE DURATION

PULSE WIDTH AMPLITUDE CONVERTERS
  0701 0702 0710 0905
  RT % CONVERTERS
       FREQUENCY CONVERTERS

PULSE WIDTH MODULATION
  USE  PULSE DURATION MODULATION

PULSED JET ENGINES
  2804 3104 3301
  GS   ENGINES
       #PULSED JET ENGINES
  RT   ELECTRIC ROCKET ENGINES
       ELECTROTHERMAL ENGINES
       PLASMA ENGINES
       RESISTOJET ENGINES

PULSED LASER DEPOSITION
  0604 1504 1601 1802
  GS   DEPOSITION
       .LASER DEPOSITION
       .#PULSED LASER DEPOSITION
       UTILIZATION
       .LASER APPLICATIONS
       ..LASER DEPOSITION
       ..#PULSED LASER DEPOSITION
  RT   CRYSTAL GROWTH
       EPITAXY
       EXCIMER LASERS
       LASER HEATING
       PULSED LASERS
       SUPERCONDUCTING FILMS
       VAPOR DEPOSITION

PULSED LASERS
  1601 2402
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       .#PULSED LASERS
       ...Q SWITCHED LASERS
       ...ULTRASHORT PULSED LASERS
       ...ULTRAVIOLET LASERS
  RT   ARGON LASERS
       CARBON DIOXIDE LASERS
       GAS LASERS
       GLASS LASERS
       INERTIAL FUSION (REACTOR)
       LASER HEATING
       LASER TARGET INTERACTIONS
       LASER WELDING
       NITROGEN LASERS
       PULSE REPETITION RATE
       PULSED LASER DEPOSITION
       RUBY LASERS
       SEMICONDUCTOR LASERS
       TEA LASERS
       TUBE LASERS
       WAVEGUIDE LASERS

PULSED RADIATION
  2402 2406 2903
  GS  #PULSED RADIATION
       .ELECTROMAGNETIC PULSES
       ..SYSTEM GENERATED ELECTROMAGNETIC
         PULSES
  RT   CONTINUOUS RADIATION
       CORPUSCULAR RADIATION
       ELASTIC WAVES
       ELECTROMAGNETIC RADIATION
       GAMMA RAY LASERS
       LASER DAMAGE
       LASERS
       PICOSECOND PULSES
       PULSE AMPLITUDE
       PULSE DIFFRACTION
       PULSE DURATION
       PULSE GENERATORS
       PULSE MODULATION
       PULSE RATE
     % RADIATION
     % RAYS

PULSEJET ENGINES
  2804 3104 3301
  GS   ENGINES
       .AIR BREATHING ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....RAMJET ENGINES
       ....#PULSEJET ENGINES
       .INTERNAL COMBUSTION ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....RAMJET ENGINES
       ....#PULSEJET ENGINES
       .TURBINE ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....RAMJET ENGINES
       ....#PULSEJET ENGINES
  RT   V-1 MISSILE

PULSES
  0710 1201 1202 1203 1308 2402 2304
  1001 2401
  GS  #PULSES
       .ELECTRIC PULSES
       .ELECTROMAGNETIC PULSES
       ..SYSTEM GENERATED ELECTROMAGNETIC
         PULSES
       .GEOMAGNETIC PULSATIONS
       ..GEOMAGNETIC MICROPULSATIONS
       .MICROPULSATIONS
       ..GEOMAGNETIC MICROPULSATIONS
       .PICOSECOND PULSES
       .PRESSURE PULSES
  RT   AMPLITUDES
       INTERMITTENCY
       SOLITARY WAVES

PULTRUSION
  1809
  GS   FORMING TECHNIQUES
       .EXTRUDING
       .#PULTRUSION
  RT   CASTING
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```
        COMPOSITE STRUCTURES
        DIES
        EPOXY MATRIX COMPOSITES
        FIBER COMPOSITES
        GLASS FIBER REINFORCED PLASTICS
        HOT WORKING
        POLYMER MATRIX COMPOSITES
        PREIMPREGNATION
        PRESSING (FORMING)
        RESIN MATRIX COMPOSITES

PULVERIZING
  USE   GRINDING (COMMINUTION)

PUMICE
  1805
  GS    ROCKS
        .IGNEOUS ROCKS
        .#PUMICE
  RT    ABRASIVES
        OBSIDIAN
        POWDER (PARTICLES)
        SOILS

PUMP IMPELLERS
  1202 1501
  GS    ROTATING BODIES
        .ROTORS
        ..IMPELLERS
        ..#PUMP IMPELLERS
  RT    CENTRIFUGAL COMPRESSORS
        CENTRIFUGAL PUMPS

PUMP SEALS
  1501
  GS    SEALS (STOPPERS)
        #PUMP SEALS
  RT    GASKETS
     %  GLANDS
        GLANDS (SEALS)
        HERMETIC SEALS
        LABYRINTH SEALS
        MOLECULAR PUMPS

% PUMPING
  1501 1504 3407
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    BLOWING
        COMPRESSED AIR
        COMPRESSING
        CRYOPUMPING
        DRAINAGE
        ELECTRON PUMPING
        JET PUMPS
        LASER PUMPING
        MAGNETIC PUMPING
        MASER PUMPING
        MATERIALS HANDLING
        NUCLEAR PUMPING
        OPTICAL PUMPING
        PLASMA PUMPING
        PUMPS
        PURGING
        WINDMILLS (WINDPOWERED MACHINES)
        WINDPOWERED PUMPS

PUMPS
  1501
  SN    (LIMITED TO PUMPS FOR
        MATERIALS--EXCLUDES HEAT PUMPS)
  UF    HYDRAULIC PUMPS
  GS   #PUMPS
        .AXIAL FLOW PUMPS
        ..TURBINE PUMPS
        .BLOOD PUMPS
        .CENTRIFUGAL PUMPS
        .DIFFUSION PUMPS
        .ELECTROMAGNETIC PUMPS
        .FUEL PUMPS
        .JET PUMPS
        .RAMS (PUMPS)
        .VACUUM PUMPS
        ..CONDENSATION PUMPS
        ..ION PUMPS
        ..MOLECULAR PUMPS
        .VISCOPUMPS
        .WINDPOWERED PUMPS
  RT    BELLOWS
        CENTRIFUGAL COMPRESSORS
        EJECTORS
        FEED SYSTEMS
        HEAT PUMPS
        HYDRAULIC EQUIPMENT
        IMPELLERS
        INJECTORS
        LUBRICATION SYSTEMS
        MATERIALS HANDLING
        PACKINGS (SEALS)
        PIPELINES
        PREBURNERS
     %  PUMPING
        SIPHONS
        STATORS
        TURBOMACHINERY
        VANELESS DIFFUSERS

PUNCHED CARDS
  0802 0803
  GS    CARDS
        #PUNCHED CARDS
  RT    COMPUTER STORAGE DEVICES
        DATA RECORDERS
        DATA RECORDING
        DATA STORAGE
        READERS

PUNCHED TAPES
  0802 0803
  RT    AUTOMATIC TYPEWRITERS
        COMPUTER STORAGE DEVICES
        DATA RECORDING
        MAGNETIC TAPES
        READERS
     %  TAPES

PUNCHES
  3201 3304
  RT    DIES
        MACHINE TOOLS
        MOLDS
        PLATENS
        PRESSES
        STAMPING

PUNCTURING
  USE   PIERCING

PUPA
  0402 0404
  RT    INSECTS
        LARVAE

PUPIL SIZE
  0404 0408
  RT    PUPILLOMETRY

PUPILLOMETRY
  0501
  RT    BIOMETRICS
        DARK ADAPTATION
        LIGHT ADAPTATION
     %  MEASUREMENT
        PUPIL SIZE

PUPILS
  0404 0405
  GS    ANATOMY
        .SENSE ORGANS
        ..EYE (ANATOMY)
        ..#PUPILS
  RT    VISION

PURGING
```

1504 3404 3407
RT CIRCULATION
CLEARING
DECONTAMINATION
DEGASSING
DISTILLATION
EVACUATING (VACUUM)
FLUSHING
OUTGASSING
% PUMPING
PURIFICATION
RELIEVING
% SEPARATION
VENTING

PURIFICATION
0504 0505 0602 1505
UF PURIFIERS
GS #PURIFICATION
.AIR PURIFICATION
RT AERATION
ANTISEPTICS
BENEFICIATION
CHEMICAL STERILIZATION
CLEANING
CRYSTALLIZATION
DECONTAMINATION
DEMINERALIZING
DESALINIZATION
DISSIPATION
DISTILLATION
ELIMINATION
ELUTION
ENRICHMENT
FLUSHING
GETTERS
PASTEURIZING
POLYNUCLEAR ORGANIC COMPOUNDS
POTABLE WATER
PURGING
PURITY
RECTIFICATION
% REDUCTION
REDUCTION (CHEMISTRY)
REFINING
SCAVENGING
% SEPARATION
SEWAGE TREATMENT
SOLVENT EXTRACTION
SPACECRAFT STERILIZATION
STERILIZATION
SUBLIMATION
ULTRAPURE METALS
UPGRADING
WASHING
WATER TREATMENT
ZONE MELTING

PURIFIERS
USE PURIFICATION

PURINES
0403 1808
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#PURINES
....ADENINES
....XANTHINES
.....CAFFEINE
.....GUANINES
.....URIC ACID

PURITY
0504 0505 0602 1505
RT CLARITY
CONCENTRATION (COMPOSITION)
CONTAMINANTS
CONTAMINATION
DECONTAMINATION
DILUTION
FINENESS
POLLUTION
POTABLE LIQUIDS
PURIFICATION
QUALITY
TRACE CONTAMINANTS
ULTRAPURE METALS
WATER POLLUTION

PURPOSES
3406 3409
RT GOALS

PURSUIT TRACKING
0705 0709
GS TRACKING (POSITION)
#PURSUIT TRACKING
RT INFRARED TRACKING
RADAR TRACKING
SATELLITE INTERCEPTORS

PUSH-PULL AMPLIFIERS
0701 0902 0905 1001 1002
UF BALANCED AMPLIFIERS
GS AMPLIFIERS
#PUSH-PULL AMPLIFIERS
RT PHASE MODULATION
POWER AMPLIFIERS

PUSHBROOM SENSOR MODES
0906
GS MODES
#PUSHBROOM SENSOR MODES
RT ARRAYS
ELECTRO-OPTICS
IMAGE PROCESSING
LINEAR ARRAYS
PHOTODIODES

PUSHING
3407
RT % FORCE
PROPULSION

PWM (MODULATION)
USE PULSE DURATION MODULATION

PYCNOMETERS
0601 1202 2311
RT DENSITY (MASS/VOLUME)

PYLON MOUNTING
0202
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT STRUCTURES
COLUMNS (SUPPORTS)
RIGID MOUNTING
STRUCTURAL MEMBERS
SUPPORTS
WIND TUNNEL MODELS

PYLONS
1102 1106 3501
GS SUPPORTS
#PYLONS
RT COLUMNS (SUPPORTS)
STRUCTURAL MEMBERS
STRUTS
TOWERS

PYRAMID LAKE (NV)
1305 1306
GS LAKES
#PYRAMID LAKE (NV)
RT NEVADA
WATER MANAGEMENT
WATER RESOURCES

PYRAMIDAL BODIES
0102
RT % BODIES
PYRAMIDS
REENTRY VEHICLES

PYRAMIDS
1902
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..POLYHEDRONS
..#PYRAMIDS
RT FRUSTUMS
PYRAMIDAL BODIES

PYRANOMETERS
1406 2902 2903 3501
GS MEASURING INSTRUMENTS
.RADIATION MEASURING INSTRUMENTS
..ACTINOMETERS
..#PYRANOMETERS
RT PHOTOMETERS
RADIOMETERS
SKY RADIATION

PYRAZINES
1808
GS #PYRAZINES
.AZINES
..CYANURATES
..CYANURIC ACID
..MECLIZINE
..METHYLENE BLUE
..PHENOTHIAZINES

PYRENEES MOUNTAINS (EUROPE)
1305 1306
GS LANDFORMS
.MOUNTAINS
.#PYRENEES MOUNTAINS (EUROPE)
RT ANDORRA
FRANCE
SPAIN

PYRENES
1808
GS ORGANIC COMPOUNDS
.HYDROCARBONS
.#PYRENES

PYREX (TRADEMARK)
USE BOROSILICATE GLASS

PYRIDINE NUCLEOTIDES
0403 1808
GS ORGANIC COMPOUNDS
.NUCLEOTIDES
.#PYRIDINE NUCLEOTIDES
PHOSPHORUS COMPOUNDS
.PHOSPHATES
.#PYRIDINE NUCLEOTIDES

PYRIDINES
0403 1808
GS BASES (CHEMICAL)
#PYRIDINES
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#PYRIDINES
RT KARL FISCHER REAGENT
PIPERIDINE
QUINOLINE

PYRIDOXINE
0403 0405 1808
UF VITAMIN B 6
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#PYRIDOXINE
VITAMINS
#PYRIDOXINE

PYRIMIDINES
0403 1808
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#PYRIMIDINES
....ALLOXAN
....THYMIDINE
....THYMINE
....URACIL

PYRITES
1804 1806
GS CHALCOGENIDES
.SULFIDES
.#PYRITES
IRON COMPOUNDS
#PYRITES
MINERALS
#PYRITES
SULFUR COMPOUNDS
.SULFIDES
.#PYRITES

PYROCERAM (TRADEMARK)
1801 1805 2601
GS CERAMICS
#PYROCERAM (TRADEMARK)
GLASS
#PYROCERAM (TRADEMARK)

PYROELECTRICITY
2304 2601 3303
GS ELECTRICAL PROPERTIES
#PYROELECTRICITY
THERMODYNAMIC PROPERTIES
.THERMOPHYSICAL PROPERTIES
.#PYROELECTRICITY
RT PIEZOELECTRICITY
POLARIZATION (CHARGE SEPARATION)

PYROGEN
0603 1507 1805
GS GASES
.FLAMMABLE GASES
.#PYROGEN
RT TORCHES

PYROGRAPHALLOY
USE COMPOSITE MATERIALS
PYROLYTIC GRAPHITE
REFRACTORY MATERIALS

PYROHELIOMETERS
1301 1406 3009
UF HELIOMETRY
GS MEASURING INSTRUMENTS
.HELIOMETERS
.#PYROHELIOMETERS
OPTICAL EQUIPMENT
.HELIOMETERS
.#PYROHELIOMETERS
TELESCOPES
.HELIOMETERS
.#PYROHELIOMETERS

PYROHYDROLYSIS
0601 3303
GS CHEMICAL REACTIONS
#PYROHYDROLYSIS
RT PYROLYSIS

PYROLYSIS
0602 3303
GS CHEMICAL REACTIONS
.CRACKING (CHEMICAL ENGINEERING)
.#PYROLYSIS
.THERMAL DECOMPOSITION
.#PYROLYSIS
DECOMPOSITION
.CRACKING (CHEMICAL ENGINEERING)
.#PYROLYSIS
.THERMAL DECOMPOSITION
.#PYROLYSIS
RT ABLATION
ENDOTHERMIC REACTIONS
EXOTHERMIC REACTIONS

```
        PYROHYDROLYSIS
        THERMAL ABSORPTION
        THERMAL DEGRADATION
        THERMAL INSTABILITY
        THERMOGRAVIMETRY

PYROLYTIC GRAPHITE
  1808 3303 3501
  UF    PYROGRAPHALLOY
  GS    CARBONACEOUS MATERIALS
        .GRAPHITE
        .#PYROLYTIC GRAPHITE
        MINERALS
        .GRAPHITE
        .#PYROLYTIC GRAPHITE
        PYROLYTIC MATERIALS
        #PYROLYTIC GRAPHITE
  RT    HEAT SHIELDING

PYROLYTIC MATERIALS
  1804 1808 3303 3501
  GS   #PYROLYTIC MATERIALS
        .PYROLYTIC GRAPHITE
  RT    ABLATIVE MATERIALS
        CERAMICS
      % MATERIALS
        REFRACTORY COATINGS
        REFRACTORY MATERIALS

PYROMETALLURGY
  1701 1704 3303 3501
  RT    AEROTHERMOCHEMISTRY
        ALLOYING
        CHLORINATION
      % CONVERTERS
        HEAT BALANCE
        METAL WORKING
      % METALLURGY
        REFINING
        SINTERING
        SUBLIMATION
        THERMOCHEMISTRY

PYROMETERS
  1406 1408 3501
  GS    MEASURING INSTRUMENTS
        .TEMPERATURE MEASURING INSTRUMENTS
        .#PYROMETERS
        ...RADIATION PYROMETERS
        ...THERMOCOUPLE PYROMETERS
  RT    TEMPERATURE MEASUREMENT

PYROMETRY
  USE   TEMPERATURE MEASUREMENT

PYROPHORIC MATERIALS
  1805 2701 2702
  RT    EXPLOSIVES
        FLAMMABILITY
        HYPERGOLIC ROCKET PROPELLANTS
        IGNITERS
        IGNITION TEMPERATURE
      % MATERIALS
        METAL COMBUSTION
        SOLID PROPELLANT IGNITION
        SPONTANEOUS COMBUSTION

PYROPHYLLITE
  1806
  GS    ALUMINUM COMPOUNDS
        .ALUMINUM SILICATES
        .#PYROPHYLLITE
        MINERALS
        #PYROPHYLLITE
        SILICON COMPOUNDS
        .SILICATES
        ..ALUMINUM SILICATES
        ..#PYROPHYLLITE
  RT    ALUMINUM OXIDES

PYROTECHNICS
  3302
  UF    FIREWORKS
  GS   #PYROTECHNICS
        .HMX
  RT    AMMUNITION
        BOMBS (ORDNANCE)
        CHEMICAL FUELS
        DOUBLE BASE PROPELLANTS
        EXPLOSIVES
      % FLARES
        GRENADES
        ILLUMINATING
        INCENDIARY AMMUNITION
        INITIATORS (EXPLOSIVES)
        ORDNANCE
        PLASTIC PROPELLANTS
        PROJECTILES
        RDX
      % ROCKETS
      % SIGNALS
        THERMITES

PYROXENES
  1804 1806
  GS    CHALCOGENIDES
        .OXIDES
        .#PYROXENES
        ...ENSTATITE
        MINERALS
        #PYROXENES
        ..ENSTATITE
        SILICON COMPOUNDS
        .SILICATES
        .#PYROXENES
        ...ENSTATITE
  RT    ECLOGITE
        IGNEOUS ROCKS
        REGOLITH
        ROCKS
        SOILS

PYROXYLIN
  USE   CELLULOSE NITRATE

PYRRHOTITE
  1806 2305 2307
  GS    CHALCOGENIDES
        .SULFIDES
        .#PYRRHOTITE
        ...TROILITE
        IRON COMPOUNDS
        #PYRRHOTITE
        ..TROILITE
        MINERALS
        #PYRRHOTITE
        ..TROILITE
        SULFUR COMPOUNDS
        .SULFIDES
        .#PYRRHOTITE
        ...TROILITE

PYRROLES
  0409 1808
  GS    ORGANIC COMPOUNDS
        .CYCLIC COMPOUNDS
        ..HETEROCYCLIC COMPOUNDS
        ...AZOLES
        ...#PYRROLES
        .....CARBAZOLES
        .....INDOLES
        ......TRYPTOPHAN
  RT    METHOXY SYSTEMS

PYRRONES (TRADEMARK)
  0603 1808
  RT % POLYMERS

PYRUVATES
  0603 1808
  RT    ORGANIC LIQUIDS

P3V AIRCRAFT
  USE   P-3 AIRCRAFT
```

P78-2 SATELLITE
USE SCATHA SATELLITE

Q DEVICES
2307 2502
RT MAGNETIC MIRRORS
PLASMA PINCH
ZETA PINCH

Q FACTORS
0902 1001 2402
UF HIGH Q
QUALITY FACTORS
RT FIGURE OF MERIT
RESONANT VIBRATION
SPECTRAL RESOLUTION
TUNING

Q SWITCHED LASERS
1703
GS STIMULATED EMISSION DEVICES
.LASERS
..PULSED LASERS
..#Q SWITCHED LASERS
RT ARGON LASERS
CARBON DIOXIDE LASERS
CHEMICAL LASERS
GAS LASERS
RUBY LASERS
SEMICONDUCTOR LASERS
SOLID STATE LASERS

Q VALUES
2405
GS VALUE
#Q VALUES

QAM (MODULATION)
USE QUADRATURE AMPLITUDE MODULATION

QATAR
1305
GS NATIONS
#QATAR
RT ASIA

QCD
USE QUANTUM CHROMODYNAMICS

QH-50 HELICOPTER
0206
UF DASH HELICOPTER
DSN HELICOPTER
GYRODYNE DSN-3 HELICOPTER
GYRODYNE MILITARY AIRCRAFT
GS GYRODYNE AIRCRAFT
#QH-50 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#QH-50 HELICOPTER

QPSK
USE QUADRATURE PHASE SHIFT KEYING

QSO (RADIO SOURCES)
USE QUASARS

QUADRANTID METEOROIDS
3005
GS CELESTIAL BODIES
.METEOROID SHOWERS
.#QUADRANTID METEOROIDS
.METEOROIDS
.#QUADRANTID METEOROIDS

QUADRANTS
1902 3001
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..ANALYTIC GEOMETRY
..#QUADRANTS

QUADRATIC EQUATIONS
1902 1903 3501
GS ALGEBRA
.NONLINEAR EQUATIONS
.#QUADRATIC EQUATIONS
ANALYSIS (MATHEMATICS)
.REAL VARIABLES
..NONLINEAR EQUATIONS
..#QUADRATIC EQUATIONS
FIELD THEORY (ALGEBRA)
#QUADRATIC EQUATIONS
RT % EQUATIONS
POLYNOMIALS

QUADRATIC PROGRAMMING
1902 1903
GS OPTIMIZATION
.MATHEMATICAL PROGRAMMING
.#QUADRATIC PROGRAMMING
RESEARCH
#QUADRATIC PROGRAMMING
RT % PROGRAMMING

QUADRATURE AMPLITUDE MODULATION
0702 0707
UF QAM (MODULATION)
GS CODING
.SIGNAL ENCODING
..AMPLITUDE MODULATION
..#QUADRATURE AMPLITUDE MODULATION
MODULATION
.AMPLITUDE MODULATION
.#QUADRATURE AMPLITUDE MODULATION
RT PHASE SHIFT KEYING
QUADRATURE PHASE SHIFT KEYING

QUADRATURE APPROXIMATION
USE QUADRATURES

QUADRATURE PHASE SHIFT KEYING
0702 1001 2402
UF QPSK
QUADRIPHASE SHIFT KEYING
GS CODING
.SIGNAL ENCODING
..PHASE MODULATION
...PHASE SHIFT KEYING
...#QUADRATURE PHASE SHIFT KEYING
KEYING
.PHASE SHIFT KEYING
.#QUADRATURE PHASE SHIFT KEYING
MODULATION
.PHASE MODULATION
..PHASE SHIFT KEYING
..#QUADRATURE PHASE SHIFT KEYING
RT BINARY PHASE SHIFT KEYING
QUADRATURE AMPLITUDE MODULATION
SATELLITE TRANSMISSION

QUADRATURES
1904 3006 3009
UF QUADRATURE APPROXIMATION
RT CIRCULAR ORBITS
ORBIT CALCULATION
ORBITAL MECHANICS
ORBITS
SPACE MECHANICS

QUADRIPHASE SHIFT KEYING
USE QUADRATURE PHASE SHIFT KEYING

QUADRUPOLE LENSES
USE MAGNETIC LENSES

QUADRUPOLE NETWORKS
2304 2405
RT % NETWORKS

QUADRUPOLES
2304 2401 2405
RT % DIPOLES

NUCLEAR QUADRUPOLE RESONANCE
POLARITY

QUAIL MISSILE
3101 3401
GS DECOYS
#QUAIL MISSILE
MISSILES
.AIR TO SURFACE MISSILES
.#QUAIL MISSILE
RT COUNTERMEASURES
TURBOJET ENGINES

QUALIFICATIONS
3402 3404 3406
RT CERTIFICATION
CONTRACTORS
EDUCATION
EXPERIENCE
FITNESS
PERSONALITY TESTS
PERSONNEL
% TESTS

QUALITATIVE ANALYSIS
0601 0602
GS CHEMICAL TESTS
.CHEMICAL ANALYSIS
.#QUALITATIVE ANALYSIS
RT ANALYTICAL CHEMISTRY
ELECTROPHOTOMETRY
FLAME SPECTROSCOPY
GAS ANALYSIS
MASS SPECTROMETERS
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
QUANTITATIVE ANALYSIS
SPECTROSCOPIC ANALYSIS

QUALITY
1505 3408 4001
GS #QUALITY
.ENVIRONMENTAL QUALITY
..AIR QUALITY
..WATER QUALITY
.RIDING QUALITY
RT ACCURACY
ADEQUACY
APPEARANCE
COMPUTER SYSTEMS PERFORMANCE
CONCENTRATION (COMPOSITION)
CONSISTENCY
CONTAMINANTS
CONTROLLABILITY
DURABILITY
EVALUATION
FIGURE OF MERIT
FINENESS
FLIGHT CHARACTERISTICS
% GRADE
IMPURITIES
% MATERIALS TESTS
% PERFORMANCE
POLLUTION
PRECISION
PRODUCT DEVELOPMENT
PURITY
RELIABILITY
% RESISTANCE
SPECIFICATIONS
STABILITY
% TESTS
TOTAL QUALITY MANAGEMENT
UPGRADING
VALIDITY
VARIABILITY

QUALITY CONTROL
1505 3404 4001
UF RELIABILITY CONTROL
GS #QUALITY CONTROL
.TOTAL QUALITY MANAGEMENT
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
AIRCRAFT RELIABILITY
ASSURANCE
AVERAGE
BAYES THEOREM
BURN-IN
CERTIFICATION
CHEMICAL TESTS
CIRCUIT RELIABILITY
COMPONENT RELIABILITY
CONFIDENCE
CONFIDENCE LIMITS
CONSTRUCTION
% CONTROL
CORRELATION
CORRELATION COEFFICIENTS
COVARIANCE
DATA SAMPLING
DEGREES OF FREEDOM
ELECTRICAL PROPERTIES
ELECTRONIC EQUIPMENT TESTS
ERROR DETECTION CODES
ERRORS
ESTIMATES
ESTIMATING
EXPERIMENT DESIGN
EXTRAPOLATION
HYPOTHESES
INFRARED INSPECTION
INSPECTION
LEAST SQUARES METHOD
LINEAR PREDICTION
LOW TEMPERATURE TESTS
MANN-WHITNEY-WILCOXON U TEST
% MATERIALS TESTS
MEAN
MEDIAN (STATISTICS)
MODE (STATISTICS)
NONDESTRUCTIVE TESTS
NORMALIZING (STATISTICS)
OPERATIONS RESEARCH
OPTIMIZATION
ORTHOGONAL FUNCTIONS
ORTHOGONALITY
PRECISION
PROBABILITY THEORY
PROCESS CONTROL (INDUSTRY)
% PROCESSES
PRODUCT DEVELOPMENT
PRODUCTION MANAGEMENT
PRODUCTS
RANDOM ERRORS
RANDOM SAMPLING
RANGE (EXTREMES)
REGRESSION ANALYSIS
REGRESSION COEFFICIENTS
RELIABILITY
RELIABILITY ENGINEERING
SAMPLING
SCHEDULING
SEQUENTIAL ANALYSIS
SPACECRAFT RELIABILITY
SPECIFICATIONS
STANDARD DEVIATION
STANDARDIZATION
STANDARDS
STATIC TESTS
STATISTICAL ANALYSIS
STATISTICAL CORRELATION
STATISTICAL DISTRIBUTIONS
STATISTICAL TESTS
STRUCTURAL RELIABILITY
% SYSTEMS
TASK COMPLEXITY
TASKS
% TESTS
TOLERANCES (MECHANICS)
ULTRASONIC FLAW DETECTION
VALUE ENGINEERING
VARIABILITY
VARIANCE (STATISTICS)
WEAR TESTS

QUALITY FACTORS
USE Q FACTORS

QUANTILES
1902
GS STATISTICAL ANALYSIS
#QUANTILES
RT MATHEMATICAL MODELS
STATISTICAL DISTRIBUTIONS
% STATISTICS
SYMMETRY

QUANTITATIVE ANALYSIS
0601
GS CHEMICAL TESTS
.CHEMICAL ANALYSIS
.#QUANTITATIVE ANALYSIS
...KJELDAHL METHOD
...VAN SLYKE METHOD
RT ANALYTICAL CHEMISTRY
CHROMATOGRAPHY
ELECTROPHOTOMETRY
GAS ANALYSIS
GRAVIMETRY
IODIMETRY
KARL FISCHER REAGENT
MICROANALYSIS
NEUTRON ACTIVATION ANALYSIS
POLAROGRAPHY
QUALITATIVE ANALYSIS
RADIOCHEMICAL SEPARATION
SPECTROSCOPIC ANALYSIS
VOLUMETRIC ANALYSIS

QUANTITY
USE AMOUNT

QUANTIZATION
USE MEASUREMENT

QUANTIZER
USE COUNTERS

QUANTUM AMPLIFIERS
0705 0905 2402
GS AMPLIFIERS
#QUANTUM AMPLIFIERS
RT LASERS
LIGHT AMPLIFIERS
TWO-WAVELENGTH LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS

QUANTUM CHEMISTRY
0602
GS PHYSICAL CHEMISTRY
#QUANTUM CHEMISTRY
RT % CHEMISTRY
MOLECULAR ORBITALS
NUCLEAR CHEMISTRY
QUANTUM MECHANICS

QUANTUM CHROMODYNAMICS
2403
UF COLOR (PARTICLE PHYSICS)
QCD
GS FIELD THEORY (PHYSICS)
#QUANTUM CHROMODYNAMICS
..INSTANTONS
RT % DYNAMICS
GLUONS
LEPTONS
PARTICLE INTERACTIONS
QUANTUM MECHANICS
QUARK MODELS
QUARKS
STRING THEORY
% THEORIES

QUANTUM COUNTERS
1406
GS MEASURING INSTRUMENTS
.COUNTERS
..RADIATION COUNTERS
..#QUANTUM COUNTERS
.RADIATION MEASURING INSTRUMENTS
..RADIATION COUNTERS
..#QUANTUM COUNTERS
RT SQUID (DETECTORS)

QUANTUM EFFICIENCY
2308
RT ENERGY CONVERSION EFFICIENCY
ENERGY TECHNOLOGY
HETEROJUNCTION DEVICES
LASER OUTPUTS
SOLAR CELLS
VOLT-AMPERE CHARACTERISTICS

QUANTUM ELECTRODYNAMICS
1002 2311 2402
GS ELECTRODYNAMICS
#QUANTUM ELECTRODYNAMICS
QUANTUM MECHANICS
#QUANTUM ELECTRODYNAMICS
RT ELECTROMAGNETIC FIELDS
FEYNMAN DIAGRAMS
FIELD THEORY (PHYSICS)
LANDAU-GINZBURG EQUATIONS
RESONANCE FLUORESCENCE
SELF CONSISTENT FIELDS

QUANTUM ELECTRONICS
1001
RT % ELECTRONICS
LASERS
QUANTUM MECHANICS
QUANTUM THEORY
RESONANT TUNNELING
TUNNEL JUNCTIONS

QUANTUM GENERATORS
USE STIMULATED EMISSION DEVICES

QUANTUM MECHANICS
2308 2311 2402
GS #QUANTUM MECHANICS
.PAULI EXCLUSION PRINCIPLE
.QUANTUM ELECTRODYNAMICS
RT ATOMIC INTERACTIONS
BETHE-SALPETER EQUATION
BORN APPROXIMATION
DYSON THEORY
ELECTROMAGNETIC INTERACTIONS
ENERGY DISTRIBUTION
FERMI-DIRAC STATISTICS
FUNCTION SPACE
GROUP VELOCITY
HYLLERAAS COORDINATES
LIGHT-CONE EXPANSION
% MECHANICS (PHYSICS)
ORR-SOMMERFELD EQUATIONS
PHASE VELOCITY
QUANTUM CHEMISTRY
QUANTUM CHROMODYNAMICS
QUANTUM ELECTRONICS
QUANTUM OPTICS
RACAH COEFFICIENT
RELATIVITY
SQUEEZED STATES (QUANTUM THEORY)
STATISTICAL MECHANICS
STRANGENESS
U SPIN SPACE
WAVE PACKETS

QUANTUM NUMBERS
0905 2401 2403
RT ANGULAR MOMENTUM
ELECTRONS
ENERGY LEVELS
NUCLEAR SPIN
% NUMBERS
PARITY
SELECTION RULES (NUCLEAR PHYSICS)

QUANTUM OPTICS
2310
RT NONLINEAR OPTICS
% OPTICS
PHYSICAL OPTICS
QUANTUM MECHANICS
QUANTUM THEORY

QUANTUM STATISTICS
1905 3009
UF BOSE-EINSTEIN STATISTICS
RT BOSONS
FERMI-DIRAC STATISTICS
FERMIONS
MANY BODY PROBLEM
% STATISTICS
SUPERFLUIDITY
THOMAS-FERMI MODEL

QUANTUM THEORY
2308 2402 3009
UF WIGHTMAN THEORY
GS THEORETICAL PHYSICS
#QUANTUM THEORY
..BOHR THEORY
RT ANGULAR MOMENTUM
ATOMIC THEORY
CHARM (PARTICLE PHYSICS)
DE BROGLIE WAVELENGTHS
DIRAC EQUATION
ELEMENTARY PARTICLES
EMISSION
ENERGY LEVELS
FIELD THEORY (PHYSICS)
FLAVOR (PARTICLE PHYSICS)
FORBIDDEN TRANSITIONS
GROUND STATE
HAMILTONIAN FUNCTIONS
KLEIN-DUNHAM POTENTIAL
MAGNETIC MONOPOLES
MANDELSTAM REPRESENTATION
NUCLEAR PHYSICS
NUCLEAR SPIN
PARITY
PERTURBATION THEORY
PHOTONS
PHYSICAL OPTICS
PLANCKS CONSTANT
QUANTUM ELECTRONICS
QUANTUM OPTICS
% RADIATION
RADIATION LAWS
SCHUMANN-RUNGE BANDS
SQUEEZED STATES (QUANTUM THEORY)
STATISTICAL DISTRIBUTIONS
STATISTICAL MECHANICS
STRING THEORY
SUPERGRAVITY
SUPERSYMMETRY
% THEORIES
WAVE EQUATIONS

QUANTUM WELL LASERS
1601
GS ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
...SEMICONDUCTOR LASERS
...#QUANTUM WELL LASERS
..SOLID STATE LASERS
..#QUANTUM WELL LASERS
RT ENERGY GAPS (SOLID STATE)
HETEROJUNCTION DEVICES
INDIUM GALLIUM ARSENIDES
INDIUM PHOSPHIDES
LASER MATERIALS
QUANTUM WELLS
WAVEGUIDE LASERS

QUANTUM WELLS
0906 1002 1601
GS POTENTIAL ENERGY
.ELECTRIC POTENTIAL
.#QUANTUM WELLS
RT BAND STRUCTURE OF SOLIDS
CONDUCTION BANDS
CONDUCTION ELECTRONS
ENERGY BANDS
ENERGY GAPS (SOLID STATE)
GAPS
HETEROJUNCTION DEVICES
HETEROJUNCTIONS
QUANTUM WELL LASERS
RESONANT TUNNELING
VALENCE

QUARK MODELS
2403
GS MODELS
#QUARK MODELS
..QUARK PARTON MODEL
RT FLAVOR (PARTICLE PHYSICS)
PARTICLE THEORY
QUANTUM CHROMODYNAMICS
QUARKS

QUARK PARTON MODEL
2403
GS MODELS
.QUARK MODELS
.#QUARK PARTON MODEL
RT HADRONS
INELASTIC SCATTERING
LEPTONS
NUCLEAR MODELS
PARTONS
QUARKS

QUARKS
2403
GS PARTICLES
.ELEMENTARY PARTICLES
.#QUARKS
RT FLAVOR (PARTICLE PHYSICS)
GLUONS
INSTANTONS
PARTONS
QUANTUM CHROMODYNAMICS
QUARK MODELS
QUARK PARTON MODEL

QUARRIES
USE MINES (EXCAVATIONS)

QUARTIC EQUATIONS
1902 1903
GS ALGEBRA
.NONLINEAR EQUATIONS
.#QUARTIC EQUATIONS
ANALYSIS (MATHEMATICS)
.REAL VARIABLES
..NONLINEAR EQUATIONS
..#QUARTIC EQUATIONS
RT % EQUATIONS

QUARTILES
1902 1905
RT PROBABILITY DENSITY FUNCTIONS
STATISTICAL ANALYSIS
STATISTICAL DISTRIBUTIONS

QUARTZ
1804 1806
GS CHALCOGENIDES
.OXIDES
..DIOXIDES
...SILICON DIOXIDE
...#QUARTZ
.....COESITE
.....STISHOVITE
..SILICON OXIDES
...SILICON DIOXIDE
...#QUARTZ
.....COESITE

```
        .....STISHOVITE
        MINERALS
        #QUARTZ
        ..COESITE
        ..STISHOVITE
        SILICON COMPOUNDS
        .SILICON OXIDES
        ..SILICON DIOXIDE
        ..#QUARTZ
        ....COESITE
        ....STISHOVITE
  RT    ABRASIVES
        FELSITE
        FLINT
        IGNEOUS ROCKS
        ROCKS
        SANDS
        SOILS

QUARTZ CRYSTALS
  1804 1806
  GS    CRYSTALS
        #QUARTZ CRYSTALS
  RT    FREQUENCY CONTROL
        FREQUENCY STABILITY
        RADIO TRANSMITTERS
        SILICON DIOXIDE

QUARTZ LAMPS
  1411 2310 2601
  GS    LIGHTING EQUIPMENT
        .LUMINAIRES
        .#QUARTZ LAMPS

QUARTZ TRANSDUCERS
  1413 2601 3501
  GS    TRANSDUCERS
        #QUARTZ TRANSDUCERS
  RT    PIEZOELECTRIC CRYSTALS
        PRESSURE SENSORS

QUARTZITE
  1306
  GS    ROCKS
        .METAMORPHIC ROCKS
        .#QUARTZITE

QUASARS
  0702 0705 2402 2901 2902 2903 3001
  UF    QSO (RADIO SOURCES)
        QUASI-STELLAR RADIO SOURCES
  GS    CELESTIAL BODIES
        .RADIO SOURCES (ASTRONOMY)
        .#QUASARS
  RT    ACTIVE GALACTIC NUCLEI
        ACTIVE GALAXIES
        BLAZARS
        EXTRAGALACTIC RADIO SOURCES
        GALAXIES
        GRAVITATIONAL COLLAPSE
        IRREGULAR GALAXIES
        PULSARS
        RADIO ASTRONOMY
        RADIO BURSTS
        RADIO EMISSION
        RADIO GALAXIES
        RADIO JETS (ASTRONOMY)
        RADIO STARS
        STARS
        X RAY SPECTRA

QUASAT
  1901 3009
  SN    (QUASAR SATELLITE)
  GS    OBSERVATORIES
        .ASTRONOMICAL OBSERVATORIES
        ..ASTRONOMICAL SATELLITES
        ..#QUASAT
  RT    EUROPEAN SPACE PROGRAMS
        NASA PROGRAMS
        RADIO ASTRONOMY
        RADIO TELESCOPES
        SPACEBORNE ASTRONOMY
        VERY LONG BASE INTERFEROMETRY

QUASI-PARTICLES
  USE   ELEMENTARY EXCITATIONS

QUASI-STEADY STATES
  2311
  RT    EQUILIBRIUM FLOW
        FLUID DYNAMICS
        NONEQUILIBRIUM FLOW
        STEADY FLOW
        STEADY STATE CREEP
        UNIFORM FLOW

QUASI-STELLAR RADIO SOURCES
  USE   QUASARS

QUASILINEARITY
  USE   NONLINEARITY

QUATERNARY ALLOYS
  1701 1704
  GS    ALLOYS
        #QUATERNARY ALLOYS
  RT    ALLOYING

QUATERNIONS
  1902
  RT    CLASSICAL MECHANICS
        NUMBER THEORY

QUEBEC
  1307
  GS    NATIONS
        .CANADA
        .#QUEBEC

QUEFRENCIES
  0601
  GS    FREQUENCIES
        .ACOUSTIC FREQUENCIES
        ..AUDIO FREQUENCIES
        ..#QUEFRENCIES
  RT    CEPSTRA

% QUENCHING
  1502 1701 2305 3303 3501
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    EXTINGUISHING
        QUENCHING (ATOMIC PHYSICS)
        QUENCHING (COOLING)
        RAPID QUENCHING (METALLURGY)

QUENCHING (ATOMIC PHYSICS)
  2311
  GS    GYRATION
        .PRECESSION
        .#QUENCHING (ATOMIC PHYSICS)
  RT    ANGULAR MOMENTUM
        MAGNETIC MOMENTS
        PARTICLE SPIN
      % PHYSICS
      % QUENCHING

QUENCHING (COOLING)
  3303 3501
  UF    FLAME QUENCHING
  GS    COOLING
        #QUENCHING (COOLING)
  RT    BATHS
        COMBUSTION
        DIPPING
        EXTINGUISHING
        HARDENING (MATERIALS)
        HEAT TREATMENT
        MICROSTRUCTURE
      % QUENCHING
        SUBMERGING
        SUPERCOOLING
        SUPERSATURATION
```

THERMOMECHANICAL TREATMENT
WATER IMMERSION

QUERY LANGUAGES
0802
GS LANGUAGES
.COMMAND LANGUAGES
.#QUERY LANGUAGES
RT HUMAN-COMPUTER INTERFACE
INFORMATION RETRIEVAL

QUESTOL AIRCRAFT
0201 0204 0207
SN (EXPERIMENTAL STOL TRANSPORT RESEARCH AIRPLANE)
UF EXPERIMENTAL STOL TRANSPORT RSCH AIRPLANE
GS RESEARCH AIRCRAFT
#QUESTOL AIRCRAFT
V/STOL AIRCRAFT
.SHORT TAKEOFF AIRCRAFT
.#QUESTOL AIRCRAFT
RT % AIRCRAFT
NASA PROGRAMS

QUEUEING THEORY
0802 1902 1905 3404
RT ARPA COMPUTER NETWORK
BUNCHING
MATHEMATICAL MODELS
OPERATIONS RESEARCH
STATISTICAL ANALYSIS
STOCHASTIC PROCESSES
% THEORIES

QUIET ENGINE PROGRAM
0202 0204 0209 2801 2805 3409
GS PROGRAMS
.NASA PROGRAMS
.#QUIET ENGINE PROGRAM
RT AIRCRAFT ENGINES
ENGINE NOISE
JET AIRCRAFT NOISE
JET ENGINES
NOISE REDUCTION

QUINOLINE
0408 0409 1808
GS BASES (CHEMICAL)
#QUINOLINE
NITROGEN COMPOUNDS
#QUINOLINE
ORGANIC COMPOUNDS
#QUINOLINE
RT ALKALOIDS
DRUGS
PYRIDINES

QUINONES
0603 1808
UF BENZOQUINONE
CHINONE
GS ORGANIC COMPOUNDS
#QUINONES
RT KETONES

QUINOXALINES
1809
GS ORGANIC COMPOUNDS
.HYDROCARBONS
.#QUINOXALINES
PLASTICS
.SYNTHETIC RESINS
..THERMOPLASTIC RESINS
..#QUINOXALINES
RESINS
.SYNTHETIC RESINS
..THERMOPLASTIC RESINS
..#QUINOXALINES
RT POLYMERIZATION

QUOTIENTS
1902
RT DIVIDING (MATHEMATICS)

R CORONAE BOREALIS STARS
2306 3001 3006
UF RCB STARS
GS CELESTIAL BODIES
.STARS
..SUPERGIANT STARS
..#R CORONAE BOREALIS STARS
..VARIABLE STARS
...IRREGULAR VARIABLE STARS
...#R CORONAE BOREALIS STARS
RT CARBON STARS
COOL STARS
DUST
STELLAR ENVELOPES
STELLAR MASS EJECTION

RA-28 ENGINE
2801 2805
GS ENGINES
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
....#RA-28 ENGINE
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
....#RA-28 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
....#RA-28 ENGINE

RABBITS
0409 0402
GS ANIMALS
.VERTEBRATES
..MAMMALS
...RODENTS
...#RABBITS

RACAH COEFFICIENT
1902 2308
RT ANGULAR MOMENTUM
COEFFICIENTS
COUPLING
QUANTUM MECHANICS
TRANSFORMATIONS (MATHEMATICS)

RACE FACTORS
3402 3403
RT ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)
ETHNIC FACTORS
HUMAN BEINGS
HUMAN PERFORMANCE
RACES (ANTHROPOLOGY)
SOCIAL FACTORS
SOCIOLOGY
% VARIABLE

RACES (ANTHROPOLOGY)
3402 3403
RT AMERICAN INDIANS
ANTHROPOLOGY
CULTURE (SOCIAL SCIENCES)
HUMAN BEINGS
MINORITIES
RACE FACTORS

RACETRACKS (PARTICLE ACCELERATORS)
2202 2405
RT % ACCELERATORS
ELECTROMAGNETS
MAGNETIC FIELDS
PARTICLE ACCELERATION
PARTICLE ACCELERATORS
PARTICLE TRAJECTORIES

```
% RACKS
  0801 0904 0905 1103 1504
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   RACKS (FRAMES)
       RACKS (GEARS)

RACKS (FRAMES)
  1103
  RT % RACKS
     % SHELVES
     % STORAGE
       SUPPORTS

RACKS (GEARS)
  1501
  GS   GEARS
       #RACKS (GEARS)
  RT % RACKS
       TRANSLATIONAL MOTION

RACON BEACONS
  USE  RADAR BEACONS

RADANT
  0705 0901
  GS   ANTENNAS
       .DIRECTIONAL ANTENNAS
       ..RADAR ANTENNAS
       ..#RADANT
       RADAR EQUIPMENT
       .RADAR ANTENNAS
       .#RADANT
  RT   RADAR FILTERS
       RADOMES
       SLOT ANTENNAS
       WAVEGUIDE ANTENNAS

RADAR
  0705
  UF   RADIO DETECTION AND RANGING
  GS  #RADAR
       .AIRBORNE RADAR
       ..AIRBORNE SURVEILLANCE RADAR
       .COHERENT RADAR
       .CONTINUOUS WAVE RADAR
       .DOPPLER RADAR
       ..MULTISTATIC RADAR
       .IMAGING RADAR
       .INCOHERENT SCATTER RADAR
       ..EISCAT RADAR SYSTEM (EUROPE)
       .INFRARED RADAR
       .LANDING RADAR
       .METEOROLOGICAL RADAR
       .MOVING TARGET INDICATORS
       .MULTISPECTRAL RADAR
       .OPTICAL RADAR
       ..DIFFERENTIAL ABSORPTION LIDAR
       .PULSE RADAR
       ..PULSE DOPPLER RADAR
       ...EARTH RESOURCES SHUTTLE IMAGING
          RADAR
       ...MONOPULSE RADAR
       .RADAR MEASUREMENT
       .RANGE AND RANGE RATE TRACKING
       .SATELLITE-BORNE RADAR
       .SEARCH RADAR
       ..NORTH AMERICAN SEARCH AND
         RANGING RADAR
       ..OVER-THE-HORIZON RADAR
       .SECONDARY RADAR
       .SPACE BASED RADAR
       .SURVEILLANCE RADAR
       ..AIRBORNE SURVEILLANCE RADAR
       ..COBRA DANE (RADAR)
       ..MULTISTATIC RADAR
       .SYNTHETIC APERTURE RADAR
       ..SIDE-LOOKING RADAR
       .TRACKING RADAR
       ..COBRA DANE (RADAR)
       .TRADEX RADAR SYSTEM
       .VENUS ORBITING IMAGING RADAR
        (SPACECRAFT)
  RT   AIRCRAFT INSTRUMENTS
       CANCELLATION CIRCUITS
       CIRCUMLUNAR COMMUNICATION
       COLLISION AVOIDANCE
       DISPLAY DEVICES
       DISTANCE MEASURING EQUIPMENT
       ELECTROMAGNETIC RADIATION
       FLIGHT INSTRUMENTS
       INSTRUMENT LANDING SYSTEMS
       LUNAR COMMUNICATION
       MICROWAVE ABSORPTION
       NAVIGATION INSTRUMENTS
       NIGHT FLIGHTS (AIRCRAFT)
       PULSE COMPRESSION
       RADAR DETECTION
       SCATTEROMETERS

RADAR ABSORBERS
  0705 1409 2402
  GS   ABSORBERS (MATERIALS)
       #RADAR ABSORBERS
       ..ANTIRADAR COATINGS
  RT   COUNTERMEASURES
       ELECTROMAGNETIC ABSORPTION
       MICROWAVE ABSORPTION

RADAR ALTIMETERS
  USE  RADIO ALTIMETERS

RADAR ANTENNAS
  0705 0901 1402
  GS   ANTENNAS
       .DIRECTIONAL ANTENNAS
       .#RADAR ANTENNAS
       ...RADANT
       RADAR EQUIPMENT
       #RADAR ANTENNAS
       ..RADANT
  RT   AIRCRAFT ANTENNAS
       DIPLEXERS
       DIPOLE ANTENNAS
       DOGHOUSES (ELECTRONICS)
       HIGH RESOLUTION COVERAGE ANTENNAS
       HORN ANTENNAS
       LENS ANTENNAS
       MICROWAVE ANTENNAS
       PARABOLIC ANTENNAS
       RADOMES
       REFLECTOR ANTENNAS
       SCHWARZSCHILD ANTENNAS
       SIDELOBE REDUCTION
       SLOT ANTENNAS
       STEERABLE ANTENNAS

RADAR APPROACH CONTROL
  0705 1402 3110
  UF   RAPCON (CONTROL)
  GS   APPROACH CONTROL
       #RADAR APPROACH CONTROL
       GROUND BASED CONTROL
       .AIR TRAFFIC CONTROL
       .#RADAR APPROACH CONTROL
       TRAFFIC CONTROL
       .AIR TRAFFIC CONTROL
       .#RADAR APPROACH CONTROL
  RT   AIRBORNE RADAR APPROACH
       AIRCRAFT GUIDANCE
       APPROACH INDICATORS
     % CONTROL
       INSTRUMENT LANDING SYSTEMS
       LANDING AIDS
       LANDING INSTRUMENTS
       LANDING RADAR
       RADARSCOPES
       SURVEILLANCE RADAR

RADAR ASTRONOMY
  0705 0710 1412 3001
  GS   ASTRONOMY
       #RADAR ASTRONOMY
```

RT RADIO ASTRONOMY

RADAR ATTENUATION
0705 2402
GS ATTENUATION
.WAVE ATTENUATION
.#RADAR ATTENUATION
RT ATMOSPHERIC ATTENUATION
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC WAVE TRANSMISSION
RADIO ATTENUATION
SIDELOBE REDUCTION
SIGNAL TRANSMISSION
TRANSMISSION
WAVE PROPAGATION

RADAR BEACONS
0705 0710 2402
UF RACON BEACONS
GS NAVIGATION AIDS
.BEACONS
.#RADAR BEACONS
...DISCRETE ADDRESS BEACON SYSTEM
RADAR EQUIPMENT
#RADAR BEACONS
..DISCRETE ADDRESS BEACON SYSTEM
RT AIRCRAFT COMMUNICATION
COMPASSES
POSITION (LOCATION)
SOLAR COMPASSES
TRANSPONDERS

RADAR BEAMS
0705 0710 2402
GS BEAMS (RADIATION)
#RADAR BEAMS
RT BEAMFORMING
PENCIL BEAMS

RADAR CLUTTER MAPS
0704 0705
GS MAPS
#RADAR CLUTTER MAPS

RADAR CORNER REFLECTORS
0705
UF LUNEBERG LENSES
GS RADAR EQUIPMENT
.RADAR REFLECTORS
.#RADAR CORNER REFLECTORS
REFLECTORS
.RADAR REFLECTORS
.#RADAR CORNER REFLECTORS
RT REFLECTOR ANTENNAS
RETROREFLECTORS

RADAR CROSS SECTIONS
0705 2402
RT ANGELS (RADAR)
% CROSS SECTIONS
LOW OBSERVABLE REENTRY VEHICLES
MOVING TARGET INDICATORS

RADAR DATA
0703 0705 1409
RT % DATA
MICROWAVE PHOTOGRAPHY
VIDEO DATA

RADAR DETECTION
0705 0709 1409
GS DETECTION
.MISSILE DETECTION
.#RADAR DETECTION
RT COHERENT RADAR
CONTINUOUS WAVE RADAR
DIGITAL RADAR SYSTEMS
DOPPLER RADAR
ELECTRONIC COUNTERMEASURES
ELECTRONIC WARFARE
MULTISTATIC RADAR
OPTICAL RADAR
OVER-THE-HORIZON RADAR
RADAR
RADAR TARGET SCATTER SITE PROGRAM
RADARSCOPES
RESOLUTION CELL
SATELLITE-BORNE RADAR
SEARCH RADAR
SIGNAL DETECTION

RADAR DIRECTION FINDERS
USE RADIO DIRECTION FINDERS

RADAR DISPLAYS
USE RADARSCOPES

RADAR ECHOES
0705 0709 2402
UF RADAR REFLECTIONS
GS ECHOES
#RADAR ECHOES
..ANGELS (RADAR)
..CLUTTER
..LUNAR RADAR ECHOES
..SOLAR RADAR ECHOES
..VENUS RADAR ECHOES
RT AIRBORNE RADAR
AURORAL ECHOES
CHAFF
GHOSTS
GLINT
TARGETS

RADAR EQUIPMENT
0701 0705 0905
GS #RADAR EQUIPMENT
.DOGHOUSES (ELECTRONICS)
.RADAR ANTENNAS
..RADANT
.RADAR BEACONS
..DISCRETE ADDRESS BEACON SYSTEM
.RADAR FILTERS
.RADAR RECEIVERS
.RADAR REFLECTORS
..RADAR CORNER REFLECTORS
.RADAR TRANSMITTERS
.RADARSCOPES
..PLAN POSITION INDICATORS
.RETROREFLECTORS
RT AIRBORNE EQUIPMENT
AIRBORNE RADAR
AIRPORT SURFACE DETECTION EQUIPMENT
AUTOMATED RADAR TERMINAL SYSTEM
DIGITAL RADAR SYSTEMS
DIPLEXERS
DISTANCE MEASURING EQUIPMENT
DOPPLER RADAR
% EQUIPMENT
JAMMERS
LOOK ANGLES (ELECTRONICS)
ONBOARD EQUIPMENT
PARABOLIC ANTENNAS
RADIO EQUIPMENT
RADOMES
RANGE FINDERS
SERVOMECHANISMS
SYNTHETIC APERTURE RADAR
TRANSPONDERS

RADAR FILTERS
0701 0704 0705 1409 1413
GS ELECTROMAGNETIC WAVE FILTERS
.ELECTRIC FILTERS
.#RADAR FILTERS
RADAR EQUIPMENT
#RADAR FILTERS
RT % FILTERS
FIR FILTERS
MICROWAVE FILTERS
RADANT
RADIO FILTERS
WAVEGUIDE FILTERS

RADAR GEOLOGY

0702 1306
GS GEOLOGY
#RADAR GEOLOGY
RT GEOLOGICAL SURVEYS
SHUTTLE IMAGING RADAR

RADAR HOMING MISSILES
2102
GS MISSILES
#RADAR HOMING MISSILES
RT MILITARY TECHNOLOGY
MISSILE CONTROL
MISSILE SYSTEMS
TARGET RECOGNITION

RADAR IMAGERY
0702 0705 0903
GS IMAGERY
#RADAR IMAGERY
RT AIRBORNE RADAR
CHANGE DETECTION
EARTH RESOURCES SHUTTLE IMAGING
RADAR
IMAGE ANALYSIS
IMAGING RADAR
IMAGING TECHNIQUES
INFRARED RADAR
LUNAR EQUATOR
MAGELLAN SPACECRAFT (NASA)
RADAR MAPS
RESOLUTION CELL
SHUTTLE IMAGING RADAR
SIDE-LOOKING RADAR
X RAY IMAGERY

RADAR MAPS
0705 0708 1409 2003 3009
GS MAPS
#RADAR MAPS
RT AIRBORNE RADAR
MAP MATCHING GUIDANCE
METEOROLOGICAL CHARTS
RADAR IMAGERY

RADAR MEASUREMENT
0705 1406 3501
GS RADAR
#RADAR MEASUREMENT
RT ALTIMETRY
DIFFERENTIAL ABSORPTION LIDAR
DISTANCE MEASURING EQUIPMENT
% MEASUREMENT
RADIO ALTIMETERS
RANGEFINDING
SATELLITE ALTIMETRY

RADAR NAVIGATION
0705 1402 2104
GS NAVIGATION
#RADAR NAVIGATION
RT AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT GUIDANCE
ALL-WEATHER AIR NAVIGATION
AUTOMATIC FLIGHT CONTROL
CELESTIAL NAVIGATION
COLLISION AVOIDANCE
DEAD RECKONING
DISTANCE
DISTANCE MEASURING EQUIPMENT
DOPPLER NAVIGATION
DOPPLER RADAR
DOPPLER-FIZEAU EFFECT
GROUND BASED CONTROL
INERTIAL NAVIGATION
INTERPLANETARY NAVIGATION
MAP MATCHING GUIDANCE
RADARSCOPES
RADIO NAVIGATION
SATELLITE NAVIGATION SYSTEMS
SPACE NAVIGATION
SURFACE NAVIGATION
TACAN

RADAR NETWORKS
0701
UF MULTIRADAR TRACKING
GS TRACKING NETWORKS
#RADAR NETWORKS
RT DOPPLER RADAR
% NETWORKS
POLYSTATION DOPPLER TRACKING SYSTEM
TRACKING STATIONS

RADAR OBSERVATION
USE RADAR TRACKING

RADAR PHOTOGRAPHY
0705 0708 1407 1409 2003
GS IMAGERY
#RADAR PHOTOGRAPHY
PHOTOGRAPHY
.MULTISPECTRAL PHOTOGRAPHY
.#RADAR PHOTOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
MICROWAVE PHOTOGRAPHY
RADARSCOPES
SPECTRAL RECONNAISSANCE
ULTRAVIOLET PHOTOGRAPHY

RADAR RANGE
0705 0709
GS DISTANCE
#RADAR RANGE
RT CONTINUOUS WAVE RADAR
OPTICAL SLANT RANGE
OVER-THE-HORIZON RADAR
RADIO RANGE

RADAR RECEIVERS
0701 0705 1409
GS RADAR EQUIPMENT
#RADAR RECEIVERS
RECEIVERS
#RADAR RECEIVERS
RT AIRBORNE RADAR
DIGITAL RADAR SYSTEMS
ELECTROMAGNETIC NOISE
MICROWAVE SENSORS
RADIO RECEIVERS
REPEATERS

RADAR RECEPTION
0705 1409
RT RADIO RECEPTION
% RECEIVING
SIDELOBE REDUCTION

RADAR REFLECTIONS
USE RADAR ECHOES

RADAR REFLECTORS
0701 0705 0710
GS RADAR EQUIPMENT
#RADAR REFLECTORS
..RADAR CORNER REFLECTORS
REFLECTORS
#RADAR REFLECTORS
..RADAR CORNER REFLECTORS
RT PARABOLIC ANTENNAS
PARABOLIC REFLECTORS
RADIO ECHOES
REFLECTOR ANTENNAS
SIDELOBE REDUCTION

RADAR RESOLUTION
0705 0710
GS RESOLUTION
#RADAR RESOLUTION
RT ANGULAR RESOLUTION
DISPLAY DEVICES
HIGH RESOLUTION COVERAGE ANTENNAS
SIDELOBE REDUCTION
SPECTRAL RESOLUTION

RADAR SCANNING
0702 0705 0710
GS SCANNING
#RADAR SCANNING
RT CONICAL SCANNING
DIGITAL RADAR SYSTEMS
FREQUENCY SCANNING
METEOROLOGICAL RADAR
MULTIPLE BEAM INTERVAL SCANNERS
PANORAMIC SCANNING
RADIO TRACKING
SIDE-LOOKING RADAR
SURVEILLANCE

RADAR SCATTERING
0705 0710 3407
GS SCATTERING
#RADAR SCATTERING
RT EISCAT RADAR SYSTEM (EUROPE)
INCOHERENT SCATTER RADAR
INCOHERENT SCATTERING
RADAR TARGET SCATTER SITE PROGRAM
SCATTEROMETERS

RADAR SIGNATURES
0705 0710
GS SIGNATURES
#RADAR SIGNATURES
RT COBRA DANE (RADAR)
DETECTION
IMAGERY
MICROWAVE SIGNATURES
SIGNATURE ANALYSIS
TARGET RECOGNITION

RADAR TARGET SCATTER SITE PROGRAM
0705 3401
UF RATSCAT PROGRAM
GS PROGRAMS
#RADAR TARGET SCATTER SITE PROGRAM
TARGETS
.RADAR TARGETS
.#RADAR TARGET SCATTER SITE PROGRAM
RT RADAR DETECTION
RADAR SCATTERING

RADAR TARGETS
0705 0709
GS TARGETS
#RADAR TARGETS
..RADAR TARGET SCATTER SITE PROGRAM
RT AIRBORNE RADAR
DIGITAL RADAR SYSTEMS
EARLY WARNING SYSTEMS
MULTIPLE TARGET TRACKING
RADIAL VELOCITY

RADAR TRACKING
0705 0709 1109
UF RADAR OBSERVATION
GS TRACKING (POSITION)
#RADAR TRACKING
RT AUTOMATED RADAR TERMINAL SYSTEM
BALLISTIC MISSILE EARLY WARNING SYSTEM
COMPENSATORY TRACKING
DIGITAL RADAR SYSTEMS
DOPPLER RADAR
EARLY WARNING SYSTEMS
METEOROLOGICAL RADAR
MONOPULSE RADAR
MOVING TARGET INDICATORS
MULTIPLE TARGET TRACKING
PURSUIT TRACKING
RADIO TRACKING
RANGE AND RANGE RATE TRACKING
RANGEFINDING
RAWINSONDES
SEARCH RADAR
SLEWING
SPACECRAFT TRACKING
SURVEILLANCE RADAR
THREAT EVALUATION
TRACKING RADAR
TRANSPONDER CONTROL GROUP

RADAR TRANSMISSION
0705 0710 0901
GS TRANSMISSION
.ELECTROMAGNETIC WAVE TRANSMISSION
.#RADAR TRANSMISSION
.SIGNAL TRANSMISSION
.#RADAR TRANSMISSION
RT ATMOSPHERIC ATTENUATION
DIGITAL RADAR SYSTEMS
EISCAT RADAR SYSTEM (EUROPE)
ELECTROMAGNETIC PULSES
RADIO TRANSMISSION
RADOME MATERIALS
WAVE ATTENUATION
WAVE PROPAGATION

RADAR TRANSMITTERS
0705 0701 0705 0905
GS RADAR EQUIPMENT
#RADAR TRANSMITTERS
TRANSMITTERS
#RADAR TRANSMITTERS

RADARSAT
1901
GS CANADIAN SPACECRAFT
#RADARSAT
RT CANADIAN SPACE PROGRAM
SYNTHETIC APERTURE RADAR

RADARSCOPES
0705
UF RADAR DISPLAYS
GS DISPLAY DEVICES
#RADARSCOPES
..PLAN POSITION INDICATORS
RADAR EQUIPMENT
#RADARSCOPES
..PLAN POSITION INDICATORS
RT AIRCRAFT GUIDANCE
INDICATING INSTRUMENTS
MICROWAVE IMAGERY
MICROWAVE PHOTOGRAPHY
RADAR APPROACH CONTROL
RADAR DETECTION
RADAR NAVIGATION
RADAR PHOTOGRAPHY
SURVEILLANCE RADAR

RADIAL DISTRIBUTION
3408
GS DISTRIBUTION (PROPERTY)
#RADIAL DISTRIBUTION
RT RAYLEIGH DISTRIBUTION
STAR DISTRIBUTION
WIND PROFILES

RADIAL DRAINAGE PATTERNS
USE DRAINAGE PATTERNS

RADIAL FLOW
1202 1203 2502 3304
GS FLUID FLOW
#RADIAL FLOW
RT AXIAL FLOW
CENTRIFUGAL COMPRESSORS
DIFFUSION
FLOW GEOMETRY
GAS FLOW
HEAT TRANSMISSION
TWO DIMENSIONAL FLOW

RADIAL VELOCITY
0710 2311 3001 3009
GS RATES (PER TIME)
#RADIAL VELOCITY
VELOCITY
#RADIAL VELOCITY
RT ASTRONOMICAL SPECTROSCOPY

DOPPLER EFFECT
RADAR TARGETS
RED SHIFT
VELOCITY MEASUREMENT

RADIANCE
1406 2402 2902 2903
SN (DIRECTIONAL EMISSION RATE PER UNIT AREA OF RADIATION)
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
.#RADIANCE
RATES (PER TIME)
.FLUX DENSITY
..RADIANT FLUX DENSITY
..#RADIANCE
RT BLACK BODY RADIATION
BRIGHTNESS
EMISSIVITY
EMITTANCE
GLARE
INCANDESCENCE
% INTENSITY
IRRADIANCE
LUMENS
LUMINOSITY
NEUTRON FLUX DENSITY
SOLAR FLUX DENSITY
TRANSMISSOMETERS
VISIBILITY

RADIANCY
2902 2903
SN (EMISSION RATE PER UNIT AREA OF RADIATION)
GS RATES (PER TIME)
.FLUX DENSITY
..RADIANT FLUX DENSITY
..#RADIANCY
RT ELECTRON FLUX DENSITY
ILLUMINANCE
LUMINOUS INTENSITY
NEUTRON FLUX DENSITY
PARTICLE FLUX DENSITY
PROTON FLUX DENSITY
SOLAR FLUX DENSITY

RADIANT COOLING
1803 3303 3304 1202 3501
GS COOLING
#RADIANT COOLING
RT RADIATIVE HEAT TRANSFER
SURFACE COOLING

RADIANT ENERGY
USE RADIATION

RADIANT FLUX DENSITY
2901 2902 2903
SN (DYNES/CM-SEC AS DISTINGUISHED FROM RADIATION PRESSURE--DYNES/SQ CM)
UF POWER DENSITY (ELECTROMAGNETIC)
RADIANT INTENSITY
RADIATION INTENSITY
GS RATES (PER TIME)
.FLUX DENSITY
.#RADIANT FLUX DENSITY
...IRRADIANCE
....ILLUMINANCE
....SOLAR CONSTANT
...LUMENS
...LUMINOUS INTENSITY
....ILLUMINANCE
....LUMINANCE
...PARTICLE FLUX DENSITY
....ELECTRON FLUX DENSITY
....NEUTRON FLUX DENSITY
....PROTON FLUX DENSITY
...RADIANCE
...RADIANCY
...SOLAR FLUX DENSITY
....SOLAR CONSTANT
RT BL LACERTAE OBJECTS
BRIGHTNESS
BRIGHTNESS DISTRIBUTION
DOSIMETERS
EMISSIVITY
EMITTANCE
FAR FIELDS
FLUX (RATE)
GAMMA RAY BURSTS
LASER OUTPUTS
LUMINOSITY
MASER OUTPUTS
MASS TO LIGHT RATIOS
POST-BLAST NUCLEAR RADIATION
% RADIATION
RADIATION COUNTERS
RADIATION PRESSURE
RADIO SPECTRA
SCATTERING FUNCTIONS
SOLAR REFLECTORS
SOUND INTENSITY
VIEW EFFECTS

RADIANT HEATING
2902 3303 3304 3501
UF RADIATION HEATING
GS HEATING
#RADIANT HEATING
RT % ENERGY
GAS HEATING
% RADIATION
RADIATIVE HEAT TRANSFER
RADIATIVE TRANSFER
SOLAR HEATING

RADIANT INTENSITY
USE RADIANT FLUX DENSITY

% RADIATION
0301 0411 0710 0901 2202 2311 2401 2402 2403 2903
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF RADIANT ENERGY
RADIATION EMISSION
RT ALPHA PARTICLES
ANTENNA RADIATION PATTERNS
ARTIFICIAL RADIATION BELTS
ATMOSPHERIC RADIATION
BACKGROUND NOISE
BACKGROUND RADIATION
BASE HEATING
BEAMS (RADIATION)
BLACK BODY RADIATION
CERENKOV RADIATION
CIRCUMSOLAR RADIATION
COHERENT ACOUSTIC RADIATION
COHERENT ELECTROMAGNETIC RADIATION
COHERENT RADIATION
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
COSMIC RAYS
CYCLOTRON RADIATION
DIFFUSE RADIATION
EARTH RADIATION BUDGET EXPERIMENT
ELASTIC WAVES
ELECTROMAGNETIC NOISE
ELECTROMAGNETIC RADIATION
ELECTRON RADIATION
EMISSION
EXTRATERRESTRIAL RADIATION
EXTREME ULTRAVIOLET RADIATION
FALLOUT
FAR INFRARED RADIATION
FAR ULTRAVIOLET RADIATION
FLUX (RATE)
FLUX DENSITY
GALACTIC RADIATION
GAMMA RAYS
GEOPHYSICS
GRAVITATIONAL WAVES

HARMONIC RADIATION
HEATING
INCIDENT RADIATION
INFRARED RADIATION
INNER RADIATION BELT
INTERSTELLAR RADIATION
ION CYCLOTRON RADIATION
IONIZING RADIATION
IRRADIATION
KIRCHHOFF LAW OF RADIATION
LIGHT (VISIBLE RADIATION)
LONG WAVE RADIATION
LONGITUDINAL WAVES
LUNAR RADIATION
LYMAN ALPHA RADIATION
LYMAN BETA RADIATION
MICROWAVES
MODULATED CONTINUOUS RADIATION
MONOCHROMATIC RADIATION
NEAR INFRARED RADIATION
NEAR ULTRAVIOLET RADIATION
NONTHERMAL RADIATION
NUCLEAR MEDICINE
NUCLEAR RADIATION
NUCLEON POTENTIAL
OUTER RADIATION BELT
PHOTONS
PLANE WAVES
PLANETARY RADIATION
PLASMA RADIATION
POLARIZED ELECTROMAGNETIC RADIATION
POLARIZED RADIATION
POST-BLAST NUCLEAR RADIATION
PULSED RADIATION
QUANTUM THEORY
RADIANT FLUX DENSITY
RADIANT HEATING
RADIATION ABSORPTION
RADIATION BELTS
RADIATION CHEMISTRY
RADIATION COUNTERS
RADIATION DAMAGE
RADIATION DETECTORS
RADIATION DISTRIBUTION
RADIATION DOSAGE
RADIATION EFFECTS
RADIATION HARDENING
RADIATION HAZARDS
RADIATION INJURIES
RADIATION LAWS
RADIATION MEASUREMENT
RADIATION MEASURING INSTRUMENTS
RADIATION METEOROID SPACECRAFT
RADIATION PRESSURE
RADIATION PROTECTION
RADIATION PYROMETERS
RADIATION SHIELDING
RADIATION SICKNESS
RADIATION SOURCES
RADIATION SPECTRA
RADIATION THERAPY
RADIATION TOLERANCE
RADIATION TRANSPORT
RADIATION TRAPPING
RADIATIVE TRANSFER
RADIOACTIVITY
RADIOLOGY
REFLECTED WAVES
RELIC RADIATION
RESONANCE FLUORESCENCE
SELF ABSORPTION
SHORT WAVE RADIATION
SILICON RADIATION DETECTORS
SKY RADIATION
SOLAR CORPUSCULAR RADIATION
SOLAR RADIATION
SOLAR RADIATION SHIELDING
SOLAR RADIATION 1 SATELLITE
SOLAR RADIATION 3 SATELLITE
SOLAR WIND
SOUND WAVES
SPECTRAL EMISSION
STANDING WAVES
STELLAR RADIATION
STOKES LAW OF RADIATION
STRATOSPHERE RADIATION
SYNCHROTRON RADIATION
TEMPERATURE EFFECTS
TERRESTRIAL RADIATION
THERMAL RADIATION
TRAP PROGRAM
TROPOSPHERIC RADIATION
ULTRASONIC RADIATION
ULTRAVIOLET RADIATION
VOLTERRA EQUATIONS
X RAY SOURCES

RADIATION ABSORPTION
0401 1301 2402
GS ENERGY ABSORPTION
#RADIATION ABSORPTION
..ELECTROMAGNETIC ABSORPTION
...AURORAL ABSORPTION
...GAMMA RAY ABSORPTION
...INFRARED ABSORPTION
...MICROWAVE ABSORPTION
...MULTIPHOTON ABSORPTION
...PHOTOABSORPTION
...POLAR CAP ABSORPTION
...ULTRAVIOLET ABSORPTION
...X RAY ABSORPTION
..MOLECULAR ABSORPTION
..SELF ABSORPTION
RT % ABSORPTION
ABSORPTION CROSS SECTIONS
ATMOSPHERIC ATTENUATION
GAMMA RAY ABSORPTIOMETRY
GOLAY DETECTOR CELLS
GRAY GAS
INTERSTELLAR EXTINCTION
MATERIAL ABSORPTION
NEUTRON ABSORBERS
NUCLEAR REACTIONS
PHOTON ABSORPTIOMETRY
% RADIATION
RADIATION CHEMISTRY
STOPPING POWER

RADIATION AND METEOROID SATELLITE
1308 3107
GS ARTIFICIAL SATELLITES
.GEOPHYSICAL SATELLITES
.#RADIATION AND METEOROID SATELLITE

RADIATION BELTS
1302 2402 2903
UF GEOMAGNETICALLY TRAPPED PARTICLES
VAN ALLEN RADIATION BELTS
GS PARTICLES
.CHARGED PARTICLES
..MAGNETICALLY TRAPPED PARTICLES
..#RADIATION BELTS
....ARTIFICIAL RADIATION BELTS
....INNER RADIATION BELT
....OUTER RADIATION BELT
....PROTON BELTS
.CORPUSCULAR RADIATION
.#RADIATION BELTS
.TRAPPED PARTICLES
..MAGNETICALLY TRAPPED PARTICLES
..#RADIATION BELTS
....ARTIFICIAL RADIATION BELTS
....INNER RADIATION BELT
....OUTER RADIATION BELT
....PROTON BELTS
RT AEROSPACE ENVIRONMENTS
% BELTS
COSMIC RAYS
EARTH ATMOSPHERE
EARTH MAGNETOSPHERE
ELECTRON DENSITY (CONCENTRATION)
ELECTRON PRECIPITATION
ELECTRON TRAJECTORIES
ELECTRONS
ELEMENTARY PARTICLES

ENTRAPMENT
EXOSPHERE
EXTRATERRESTRIAL RADIATION
IONIZING RADIATION
IONOSPHERIC DRIFT
MAGNETIC FIELDS
MIRROR POINT
PLASMAS (PHYSICS)
PROTON PRECIPITATION
PROTONS
% RADIATION
SOLAR RADIATION
TRAPPING
UPPER ATMOSPHERE

RADIATION CHEMISTRY
0710
GS #RADIATION CHEMISTRY
.PHOTODECOMPOSITION
.PHOTODISSOCIATION
.PHOTOLYSIS
.RADIOLYSIS
RT % CHEMISTRY
ELECTROMAGNETIC RADIATION
% RADIATION
RADIATION ABSORPTION

RADIATION COUNTERS
2402 2902 2903
UF IONIZATION COUNTERS
PARTICLE COUNTERS
PARTICLE DETECTORS
GS MEASURING INSTRUMENTS
.COUNTERS
.#RADIATION COUNTERS
...CERENKOV COUNTERS
...ELECTRON COUNTERS
...GEIGER COUNTERS
...NEUTRON COUNTERS
....NEUTRON SPECTROMETERS
...PARTICLE TELESCOPES
...PROPORTIONAL COUNTERS
...QUANTUM COUNTERS
...SCINTILLATION COUNTERS
...SPARK CHAMBERS
.RADIATION MEASURING INSTRUMENTS
.#RADIATION COUNTERS
...CERENKOV COUNTERS
...ELECTRON COUNTERS
...GEIGER COUNTERS
...NEUTRON COUNTERS
....NEUTRON SPECTROMETERS
...PARTICLE TELESCOPES
...PROPORTIONAL COUNTERS
...QUANTUM COUNTERS
...SCINTILLATION COUNTERS
...SPARK CHAMBERS
RT BUBBLE CHAMBERS
CHANNEL MULTIPLIERS
CLOUD CHAMBERS
COINCIDENCE CIRCUITS
DOSIMETERS
ELECTROSTATIC PROBES
FLUENCE
GAS DISCHARGE TUBES
HODOSCOPES
ION TRAPS (INSTRUMENTATION)
IONIZATION CHAMBERS
IONIZING RADIATION
NUCLEAR EMULSIONS
PARTICLE FLUX DENSITY
PROTON FLUX DENSITY
RADIANT FLUX DENSITY
% RADIATION
SCINTILLATING FIBERS
SPECTROMETERS

RADIATION DAMAGE
0408 0411 0504 2402
GS DAMAGE
#RADIATION DAMAGE
..LASER DAMAGE
RADIATION EFFECTS
#RADIATION DAMAGE
..LASER DAMAGE
RT IONIZING RADIATION
% RADIATION
SINGLE EVENT UPSETS

RADIATION DETECTORS
0411 0508 1406 1410 2903
GS MEASURING INSTRUMENTS
.RADIATION MEASURING INSTRUMENTS
.#RADIATION DETECTORS
...DOSIMETERS
....THRESHOLD DETECTORS
(DOSIMETERS)
...GOLAY DETECTOR CELLS
...SILICON RADIATION DETECTORS
RT % DETECTORS
GEIGER COUNTERS
HEALTH PHYSICS
MULTI-ANODE MICROCHANNEL ARRAYS
% RADIATION
SATELLITE-BORNE INSTRUMENTS
VELA SATELLITES

RADIATION DISTRIBUTION
1301 2402 2903 3304
UF RADIATION FIELDS
GS DISTRIBUTION (PROPERTY)
#RADIATION DISTRIBUTION
..ANTENNA RADIATION PATTERNS
...SIDELOBES
..DIFFRACTION PATTERNS
...KOSSEL PATTERN
...RAINBOWS
RT CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
FIELD THEORY (PHYSICS)
FLUX DENSITY
NULL ZONES
% PATTERNS
% RADIATION
VERTICAL DISTRIBUTION
WAVE DISPERSION

RADIATION DOSAGE
0401 0405 0408 0411
UF RADIATION EXPOSURE
GS DOSAGE
#RADIATION DOSAGE
RT BIOLOGICAL EFFECTS
DOSIMETERS
EXPOSURE
HEALTH PHYSICS
IRRADIATION
% RADIATION
SINGLE EVENT UPSETS

RADIATION EFFECTS
0411 0504 1505
GS #RADIATION EFFECTS
.RADIATION DAMAGE
..LASER DAMAGE
.RADIATION INJURIES
.RADIOLYSIS
.SINGLE EVENT UPSETS
RT BIOLOGICAL EFFECTS
BLACKOUT (PROPAGATION)
BRAGG CURVE
CRRES (SATELLITE)
DAMAGE
DOSIMETERS
% EFFECTS
ELECTRON RADIATION
FALLOUT
GAMMA RAYS
HEALTH PHYSICS
HEMATOPOIESIS
IRRADIATION
MECHANICAL PROPERTIES
NEUTRONS
NUCLEAR EXPLOSION EFFECT

NUCLEAR RADIATION
NUCLEAR VULNERABILITY
PARTICLE TRACKS
PHYSIOLOGICAL EFFECTS
POST-BLAST NUCLEAR RADIATION
POYNTING-ROBERTSON EFFECT
PRESERVING
% RADIATION
RADIOACTIVE CONTAMINANTS
SPACE BASED RADAR
STERILIZATION EFFECTS

RADIATION EMISSION
USE RADIATION

RADIATION EXPOSURE
USE RADIATION DOSAGE

RADIATION FIELDS
USE RADIATION DISTRIBUTION

RADIATION HARDENING
0411 1406
RT ANTENNAS
ELECTRONIC EQUIPMENT
% RADIATION

RADIATION HAZARDS
0401 0408 0411
GS HAZARDS
#RADIATION HAZARDS
RT DERMATITIS
DOSIMETERS
ELECTROMAGNETIC RADIATION
FALLOUT
FLUX DENSITY
HEALTH PHYSICS
IONIZING RADIATION
LASER DAMAGE
MUTATIONS
NUCLEAR EXPLOSION EFFECT
NUCLEAR EXPLOSIONS
NUCLEAR RADIATION
OCCUPATIONAL DISEASES
OPERATIONAL HAZARDS
% RADIATION
RADIOACTIVE CONTAMINANTS
RADIOACTIVE MATERIALS
RADIOACTIVE WASTES
RADIOACTIVITY
REACTOR SAFETY

RADIATION HEATING
USE RADIANT HEATING

RADIATION INJURIES
0408 0411
GS INJURIES
#RADIATION INJURIES
RADIATION EFFECTS
#RADIATION INJURIES
RT BURNS (INJURIES)
HEALTH PHYSICS
% RADIATION

RADIATION INTENSITY
USE RADIANT FLUX DENSITY

RADIATION LAWS
0710 2402 2902 2903
GS LAWS
#RADIATION LAWS
..KIRCHHOFF LAW OF RADIATION
..STEFAN-BOLTZMANN LAW
..STOKES LAW OF RADIATION
RT ELECTROMAGNETIC RADIATION
QUANTUM THEORY
% RADIATION

RADIATION MEASUREMENT
1406 2402
RT DOSAGE
DOSIMETERS
IRRADIATION
% MEASUREMENT
% RADIATION
SENSITOMETRY

RADIATION MEASURING INSTRUMENTS
1406 1408 1410 1411 3007
UF PHOTOELECTROMAGNETIC DETECTORS
PHOTOSENSORS
RADIATION METERS
GS MEASURING INSTRUMENTS
#RADIATION MEASURING INSTRUMENTS
..ACTINOMETERS
...INFRARED SPECTROMETERS
...PYRANOMETERS
...RADIOMETERS
....DICKE RADIOMETERS
....INFRARED DETECTORS
.....INFRARED RADIOMETERS
....INFRARED SCANNERS
....MICROWAVE RADIOMETERS
....PASSIVE L-BAND RADIOMETERS
....PRESSURE MODULATOR RADIOMETERS
....SPECTRORADIOMETERS
...SOLAR SPECTROMETERS
...SPECTROHELIOGRAPHS
...SPECTROPHOTOMETERS
....INFRARED SPECTROPHOTOMETERS
....ULTRAVIOLET SPECTROPHOTOMETERS
...ULTRAVIOLET DETECTORS
....ULTRAVIOLET SPECTROMETERS
.....TOTAL OZONE MAPPING SPECTROMETER
....ULTRAVIOLET SPECTROPHOTOMETERS
...X RAY DETECTORS
..BOLOMETERS
..EBERT SPECTROMETERS
..ELECTROSTATIC PROBES
..FABRY-PEROT SPECTROMETERS
..HODOSCOPES
..INFRARED INSTRUMENTS
...INFRARED DETECTORS
....FLIR DETECTORS
....INFRARED RADIOMETERS
...INFRARED SCANNERS
...INFRARED SPECTROMETERS
...INFRARED SPECTROPHOTOMETERS
..PHOTOMETERS
...ELECTROPHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
....TOTAL OZONE MAPPING SPECTROMETER
...ULTRAVIOLET SPECTROPHOTOMETERS
..RADIATION COUNTERS
...CERENKOV COUNTERS
...ELECTRON COUNTERS
...GEIGER COUNTERS
...NEUTRON COUNTERS
....NEUTRON SPECTROMETERS
...PARTICLE TELESCOPES
...PROPORTIONAL COUNTERS
...QUANTUM COUNTERS
...SCINTILLATION COUNTERS
...SPARK CHAMBERS
..RADIATION DETECTORS
...DOSIMETERS
....THRESHOLD DETECTORS (DOSIMETERS)
...GOLAY DETECTOR CELLS
...SILICON RADIATION DETECTORS
..RIOMETERS
RT % DETECTORS
EARTH RADIATION BUDGET EXPERIMENT
HEALTH PHYSICS
IONIZATION CHAMBERS
MONITORS
NUCLEAR EMULSIONS
OPTICAL MEASURING INSTRUMENTS
% RADIATION
SAFETY DEVICES
SOLAR INSTRUMENTS
VELA SATELLITES

```
      VIEW EFFECTS

RADIATION MEDICINE
  USE  NUCLEAR MEDICINE

RADIATION METEOROID SPACECRAFT
  3001 3005 3009 3110
  RT   METEOROIDS
     % RADIATION
     % SPACECRAFT
       SPACECRAFT CONFIGURATIONS

RADIATION METERS
  USE  RADIATION MEASURING INSTRUMENTS

RADIATION NOISE
  USE  ELECTROMAGNETIC NOISE

RADIATION PRESSURE
  0101 1408 2902
  SN   (DYNES/SQ CM AS DISTINGUISHED FROM
       RADIANT FLUX DENSITY--DYNES/CM-SEC)
  GS   PRESSURE
       #RADIATION PRESSURE
       ..ELECTRON PRESSURE
       ..LUMENS
       ..LUMINOUS INTENSITY
       ...ILLUMINANCE
       ...LUMINANCE
       ..SOUND PRESSURE
  RT   BAROCLINIC WAVES
       BESSEL-BREDICHIN THEORY
       COMET TAILS
       CORPUSCULAR RADIATION
       ELASTIC WAVES
       ELECTROMAGNETIC RADIATION
       KOHOUTEK COMET
       PARTICLE FLUX DENSITY
       PERTURBATION
       PHOTOPHORESIS
       RADIANT FLUX DENSITY
     % RADIATION
       SOLAR FLUX DENSITY
       SOLAR RADIATION
       SOLAR WIND
       STELLAR WINDS

RADIATION PROTECTION
  0411 0508 3305
  GS   PROTECTION
       #RADIATION PROTECTION
       ..RADIATION SHIELDING
       ...SOLAR RADIATION SHIELDING
  RT   ANTIRADIATION DRUGS
       CYSTEAMINE
       HEALTH PHYSICS
     % RADIATION
       SYNCHROTRON RADIATION
       THERMAL PROTECTION
       VISORS

RADIATION PYROMETERS
  1408 3501
  GS   MEASURING INSTRUMENTS
       .TEMPERATURE MEASURING INSTRUMENTS
       ..PYROMETERS
       ..#RADIATION PYROMETERS
  RT   BOLOMETERS
       CIRCUMSOLAR TELESCOPES
       OPTICAL PYROMETERS
     % RADIATION
       TEMPERATURE MEASUREMENT
       THERMOCOUPLE PYROMETERS

RADIATION RESISTANCE
  USE  RADIATION TOLERANCE

RADIATION SHIELDING
  0508 1802 3110 3305
  UF   NUCLEAR SHIELDING
  GS   PROTECTION
       .RADIATION PROTECTION
       .#RADIATION SHIELDING
       ...SOLAR RADIATION SHIELDING
       SHIELDING
       #RADIATION SHIELDING
       ..SOLAR RADIATION SHIELDING
  RT   ABSORBERS (MATERIALS)
       ATTENUATORS
       BORAL
       ELECTROMAGNETIC ABSORPTION
       ELECTROMAGNETIC SHIELDING
       GAMMA RAYS
     % INSULATED STRUCTURES
       MAGNETIC SHIELDING
       NEUTRON ABSORBERS
       NEUTRON FLUX DENSITY
       NEUTRONS
       NUCLEAR REACTORS
       PROTONS
     % RADIATION
       RADIO FREQUENCY SHIELDING
       REACTOR MATERIALS
       REFLECTORS
       SAFETY DEVICES
       SPACE BASED RADAR
       SPACECRAFT SHIELDING
       STOPPING POWER
       TOWER SHIELDING REACTOR 2

RADIATION SICKNESS
  0401 0405 0408 0411
  GS   DISEASES
       #RADIATION SICKNESS
  RT   ANTIRADIATION DRUGS
       DERMATITIS
       HEALTH PHYSICS
     % RADIATION
       RADIOPATHOLOGY

RADIATION SOURCES
  2402 2403 2406 2902 3304
  UF   COHERENT SOURCES
  GS  #RADIATION SOURCES
       .MONOCHROMATORS
       .NEUTRON SOURCES
       .POINT SOURCES
  RT   CORPUSCULAR RADIATION
       DUOCHROMATORS
       ELECTROMAGNETIC RADIATION
       ELECTRON SOURCES
       EXTRAGALACTIC RADIO SOURCES
     % GENERATORS
       HEAT SOURCES
       INTERSTELLAR MASERS
       ION SOURCES
       LIGHT SOURCES
       PULSARS
     % RADIATION
       RADIO SOURCES (ASTRONOMY)
       RADIOACTIVE MATERIALS
       SOUND GENERATORS
     % SOURCES
       X RAY STARS

RADIATION SPECTRA
  1411 2402 2406 2902 2903
  GS   SPECTRA
       #RADIATION SPECTRA
       ..ABSORPTION SPECTRA
       ...FRAUNHOFER LINES
       ...HERZBERG BANDS
       ...TELLURIC LINES
       ..ELECTROMAGNETIC SPECTRA
       ...GAMMA RAY SPECTRA
       ...INFRARED SPECTRA
       ...LINE SPECTRA
       ....BALMER SERIES
       ....D LINES
       ....ELECTRONIC SPECTRA
       ....FRAUNHOFER LINES
       ....H LINES
       .....H ALPHA LINE
       .....H BETA LINE
       .....H GAMMA LINE
```

....K LINES
....LYMAN SPECTRA
....PASCHEN SERIES
....RYDBERG SERIES
....TELLURIC LINES
...RADIO SPECTRA
....MICROWAVE SPECTRA
...RAMAN SPECTRA
...STELLAR SPECTRA
....SOLAR SPECTRA
...UBV SPECTRA
...ULTRAVIOLET SPECTRA
...VIBRATIONAL SPECTRA
...VISIBLE SPECTRUM
...X RAY SPECTRA
..EMISSION SPECTRA
RT ASTRONOMICAL SPECTROSCOPY
COSMIC BACKGROUND EXPLORER
SATELLITE
ENERGY SPECTRA
MASS SPECTRA
NOISE SPECTRA
PLASMA SPECTRA
% RADIATION

RADIATION THERAPY
0405 0411
UF RADIOTHERAPY
GS THERAPY
#RADIATION THERAPY
RT CANCER
MEDICAL SCIENCE
PATHOLOGY
% RADIATION

RADIATION TOLERANCE
0411 1406
UF RADIATION RESISTANCE
RADIOSENSITIVITY
GS SENSITIVITY
#RADIATION TOLERANCE
TOLERANCES (PHYSIOLOGY)
#RADIATION TOLERANCE
RT HUMAN TOLERANCES
IRRADIATION
% RADIATION
% RESISTANCE
TOLERANCES (MECHANICS)

RADIATION TRANSPORT
0301
RT EXPLODING WIRES
% RADIATION
RADIATIVE TRANSFER
TRANSPORT PROPERTIES

RADIATION TRAPPING
2402
RT ARGON
EARTH MAGNETOSPHERE
EXCITATION
METASTABLE STATE
PLASMA PHYSICS
% RADIATION

RADIATIVE HEAT TRANSFER
1803 2402 3303 3501
GS RADIATIVE TRANSFER
#RADIATIVE HEAT TRANSFER
TRANSMISSION
.HEAT TRANSMISSION
..HEAT TRANSFER
..#RADIATIVE HEAT TRANSFER
RT CONCENTRATORS
CONVECTIVE HEAT TRANSFER
COOLING FINS
HEAT RADIATORS
INFRARED REFLECTION
NEAR INFRARED RADIATION
RADIANT COOLING
RADIANT HEATING
SATELLITE TEMPERATURE
SPACECRAFT RADIATORS
STEFAN-BOLTZMANN LAW
SURFACE COOLING
THERMOHYDRAULICS
TROMBE WALLS
VIEW EFFECTS

RADIATIVE LIFETIME
2404
RT DECAY
HALF LIFE

RADIATIVE RECOMBINATION
0602 0605 2402
GS RECOMBINATION REACTIONS
.ELECTRON RECOMBINATION
.#RADIATIVE RECOMBINATION
.ELECTRON-ION RECOMBINATION
.#RADIATIVE RECOMBINATION
RT AIRGLOW
ATOMIC RECOMBINATION
CARRIER INJECTION
DEIONIZATION
LIGHTNING

RADIATIVE TRANSFER
2311 2402 3303 2903 3501
GS #RADIATIVE TRANSFER
.RADIATIVE HEAT TRANSFER
RT ATMOSPHERIC CORRECTION
COSMIC RAYS
ELECTROMAGNETIC RADIATION
ENERGY TRANSFER
EXTRATERRESTRIAL RADIATION
GALACTIC RADIATION
HEAT TRANSFER
HEAT TRANSMISSION
INTERSTELLAR RADIATION
NEAR INFRARED RADIATION
PLANETARY ATMOSPHERES
POLARIZED ELECTROMAGNETIC RADIATION
RADIANT HEATING
% RADIATION
RADIATION TRANSPORT
RADIO BURSTS
RADIO STARS
SOLAR RADIATION
STELLAR ATMOSPHERES
STELLAR RADIATION

% RADIATORS
2402 2406 3303 3501
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ANTENNAS
HEAT RADIATORS
SOUND TRANSDUCERS
THERMOSIPHONS

RADICALS
0603 0604 2406
GS #RADICALS
.AMINO RADICAL
.FORMYL IONS
.FREE RADICALS
..HYDROXYL RADICALS
.METHYLIDYNE
.VANADYL RADICAL
.VINYL RADICAL
RT % ROOTS

RADII
1902
UF RADIUS
GS DIMENSIONS
#RADII
..LARMOR RADIUS
GEOMETRY
.EUCLIDEAN GEOMETRY
.#RADII
...LARMOR RADIUS
RT CIRCLES (GEOMETRY)

```
        CIRCUMFERENCES
        DIAMETERS
        LINES (GEOMETRY)
        RADIO FREQUENCIES
        SEGMENTS

RADIO ALTIMETERS
  0705 1401 1402 1407
  UF    RADAR ALTIMETERS
  GS    FLIGHT INSTRUMENTS
        #RADIO ALTIMETERS
        MEASURING INSTRUMENTS
        .DISTANCE MEASURING EQUIPMENT
        ..ALTIMETERS
        ..#RADIO ALTIMETERS
  RT    AIRCRAFT INSTRUMENTS
        AUTOMATIC PILOTS
        INSTRUMENT LANDING SYSTEMS
        RADAR MEASUREMENT

RADIO ANTENNAS
  0701 0705 0901
  GS    ANTENNAS
        #RADIO ANTENNAS
        ..MICROWAVE ANTENNAS
        ...HORN ANTENNAS
        ...LENS ANTENNAS
        ...SPACETENNAS
        RADIO EQUIPMENT
        #RADIO ANTENNAS
        ..MICROWAVE ANTENNAS
        ...HORN ANTENNAS
        ...LENS ANTENNAS
        ...SPACETENNAS
  RT    AIRCRAFT ANTENNAS
        BACKFIRE ANTENNAS
        DIRECTIONAL ANTENNAS
        OMNIDIRECTIONAL ANTENNAS
        RECEPTION DIVERSITY
        REFLECTOR ANTENNAS
        RHOMBIC ANTENNAS
        SATELLITE ANTENNAS
        SCHWARZSCHILD ANTENNAS
        TWO REFLECTOR ANTENNAS
        WHIP ANTENNAS

RADIO ASTRONOMY
  1411 1412 3001
  GS    ASTRONOMY
        #RADIO ASTRONOMY
  RT    ASTRONOMICAL INTERFEROMETRY
        ASTRONOMICAL OBSERVATORIES
        ASTRONOMICAL SPECTROSCOPY
        BRIGHTNESS DISTRIBUTION
        BRIGHTNESS TEMPERATURE
        CORONAL HOLES
        EXTRAGALACTIC RADIO SOURCES
        EXTRATERRESTRIAL RADIO WAVES
        GAMMA RAY ASTRONOMY
        IUE
        LINEAR POLARIZATION
        MAFFEI GALAXIES
        MICHELSON INTERFEROMETERS
        PHASE SWITCHING INTERFEROMETERS
        PULSARS
        QUASARS
        QUASAT
        RADAR ASTRONOMY
        RADIO JETS (ASTRONOMY)
        SAS-1
        SAS-2
        SAS-3
      % SCIENCE
        VERY HIGH FREQUENCY RADIO EQUIPMENT
        VERY LARGE ARRAY (VLA)
        VERY LONG BASE INTERFEROMETRY
        VERY LONG BASELINE ARRAY (VLBA)

RADIO ASTRONOMY EXPLORER B
  USE   EXPLORER 49 SATELLITE

RADIO ASTRONOMY EXPLORER SATELLITE
  3107 3110 3009
  GS    ARTIFICIAL SATELLITES
        .SCIENTIFIC SATELLITES
        ..EXPLORER SATELLITES
        ..#RADIO ASTRONOMY EXPLORER
           SATELLITE

RADIO ASTRONOMY EXPLORER 2
  USE   EXPLORER 49 SATELLITE

RADIO ATTENUATION
  0705 0707 0710
  UF    RADIO SIGNAL ATTENUATION
  GS    ATTENUATION
        .WAVE ATTENUATION
        .#RADIO ATTENUATION
  RT    ATMOSPHERIC ATTENUATION
        ELECTROMAGNETIC ABSORPTION
        ELECTROMAGNETIC WAVE TRANSMISSION
        GROUND EFFECT (COMMUNICATIONS)
        RADAR ATTENUATION
        SIGNAL TRANSMISSION
        TRANSHORIZON RADIO PROPAGATION
        TRANSMISSION
        WAVE PROPAGATION

RADIO ATTENUATION MEASUREMENT PROJECT
  0705 3409
  UF    RAM PROJECT
  GS    PROGRAMS
        .PROJECTS
        .#RADIO ATTENUATION MEASUREMENT
          PROJECT

RADIO AURORAS
  1301 1302 2402 2903
  GS    ATMOSPHERIC RADIATION
        .AURORAS
        .#RADIO AURORAS
  RT  % DISTURBANCES
        IONOSPHERICS
        NIGHTGLOW
        SOLAR ACTIVITY

RADIO BEACONS
  0705 0710 2102 2103
  UF    RADIO RANGES
  GS    NAVIGATION AIDS
        .BEACONS
        .#RADIO BEACONS
        ...OMNIDIRECTIONAL RADIO RANGES
        ....SELF CALIBRATING OMNIRANGE
        RADIO EQUIPMENT
        .RADIO TRANSMITTERS
        .#RADIO BEACONS
        ...OMNIDIRECTIONAL RADIO RANGES
        ....SELF CALIBRATING OMNIRANGE
        TRANSMITTERS
        .RADIO TRANSMITTERS
        .#RADIO BEACONS
        ...OMNIDIRECTIONAL RADIO RANGES
        ....SELF CALIBRATING OMNIRANGE
  RT    AIRPORT BEACONS
        BEACON COLLISION AVOIDANCE SYSTEM
        HOMING DEVICES
        INSTRUMENT LANDING SYSTEMS
        LANDING AIDS
      % MARKERS
        NIGHT FLIGHTS (AIRCRAFT)
        ORBIS
        ORBIS CAL SATELLITE
        RANGES (FACILITIES)
        SOLAR COMPASSES

RADIO BROADCASTING
  USE   BROADCASTING

RADIO BURSTS
  1307 2902
  GS    BURSTS
        #RADIO BURSTS
        ..SOLAR RADIO BURSTS
        ...TYPE 2 BURSTS
```

...TYPE 3 BURSTS
...TYPE 4 BURSTS
...TYPE 5 BURSTS
ELECTROMAGNETIC RADIATION
.RADIO WAVES
..EXTRATERRESTRIAL RADIO WAVES
..#RADIO BURSTS
....SOLAR RADIO BURSTS
.....TYPE 2 BURSTS
.....TYPE 3 BURSTS
.....TYPE 4 BURSTS
.....TYPE 5 BURSTS
..RADIO EMISSION
..#RADIO BURSTS
....SOLAR RADIO BURSTS
.....TYPE 2 BURSTS
.....TYPE 3 BURSTS
.....TYPE 4 BURSTS
.....TYPE 5 BURSTS
EMISSION
.RADIO EMISSION
.#RADIO BURSTS
...SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
.EXTRATERRESTRIAL RADIO WAVES
.#RADIO BURSTS
...SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
RT % DISTURBANCES
PULSARS
QUASARS
RADIATIVE TRANSFER
SOLAR RADIO EMISSION
STELLAR RADIATION

RADIO COMMUNICATION
0702 0705
GS TELECOMMUNICATION
#RADIO COMMUNICATION
..RADIO RELAY SYSTEMS
...CODE DIVISION MULTIPLE ACCESS
...TIME DIVISION MULTIPLE ACCESS
..RADIO TELEGRAPHY
..RADIO TELEMETRY
...PULSE FREQUENCY MODULATION TELEMETRY
..TELEPHONY
RT ACCESS CONTROL
AIRCRAFT COMMUNICATION
BLACKOUT (PROPAGATION)
BROADCASTING
CIRCUMLUNAR COMMUNICATION
CODE DIVISION MULTIPLEXING
COMMUNICATION EQUIPMENT
COMMUNICATION NETWORKS
FLEET SATELLITE COMMUNICATION SYSTEM
FREQUENCY DIVISION MULTIPLE ACCESS
FREQUENCY DIVISION MULTIPLEXING
GROUND-AIR-GROUND COMMUNICATION
INTERPLANETARY COMMUNICATION
INTERSTELLAR COMMUNICATION
LAND MOBILE SATELLITE SERVICE
LUNAR COMMUNICATION
MARISAT SATELLITES
MARISAT 1 SATELLITE
MOBILE COMMUNICATION SYSTEMS
MSAT
NASCOM NETWORK
POINT TO POINT COMMUNICATION
PROJECT SETI
PULSE COMMUNICATION
RADIOTELEPHONES
REENTRY COMMUNICATION
SATELLITE COMMUNICATION
SHIP TO SHORE COMMUNICATION
SPACE COMMUNICATION
SPACECRAFT COMMUNICATION
TELEGRAPH SYSTEMS
TELEMETRY
TELEVISION SYSTEMS
TRANSOCEANIC COMMUNICATION
UNDERGROUND COMMUNICATION
VOCODERS
VOICE COMMUNICATION

RADIO CONTROL
0705 0707 2102 3110
GS REMOTE CONTROL
#RADIO CONTROL
RT AIRCRAFT CONTROL
AUTOMATIC CONTROL
% CONTROL
DEEP SPACE INSTRUMENTATION FACILITY
GROUND BASED CONTROL
MISSILE CONTROL
SPACECRAFT CONTROL

RADIO DETECTION AND RANGING
USE RADAR

RADIO DIRECTION FINDERS
0701 0705 0709
UF DIRECTION FINDERS (RADIO)
RADAR DIRECTION FINDERS
GS DISPLAY DEVICES
.POSITION INDICATORS
.#RADIO DIRECTION FINDERS
MEASURING INSTRUMENTS
.INDICATING INSTRUMENTS
..POSITION INDICATORS
..#RADIO DIRECTION FINDERS
NAVIGATION AIDS
.BEACONS
.#RADIO DIRECTION FINDERS
.NAVIGATION INSTRUMENTS
.#RADIO DIRECTION FINDERS
RT AIRCRAFT EQUIPMENT
COMPASSES
DIRECTION FINDING
FLIGHT INSTRUMENTS
GYROCOMPASSES
HOMING
HOMING DEVICES
RADIOGONIOMETERS
VHF OMNIRANGE NAVIGATION

RADIO ECHOES
0705 0710 1302 2402 3009
UF RADIO REFLECTION
GS ECHOES
#RADIO ECHOES
RT ANGELS (RADAR)
AURORAL ECHOES
GHOSTS
HARVARD RADIO METEOR PROJECT
INFRARED REFLECTION
LUNAR ECHOES
RADAR REFLECTORS
ULTRAVIOLET REFLECTION

RADIO ELECTRONICS
0702 0705 1002 3404
RT % ELECTRONICS

RADIO EMISSION
1302 2402 2901 2902 2903
GS ELECTROMAGNETIC RADIATION
.RADIO WAVES
.#RADIO EMISSION
...CN EMISSION
...HYDROXYL EMISSION
...RADIO BURSTS
....SOLAR RADIO BURSTS
.....TYPE 2 BURSTS
.....TYPE 3 BURSTS
.....TYPE 4 BURSTS
.....TYPE 5 BURSTS

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      ...SOLAR RADIO EMISSION
      ....SOLAR RADIO BURSTS
      .....TYPE 2 BURSTS
      .....TYPE 3 BURSTS
      .....TYPE 4 BURSTS
      .....TYPE 5 BURSTS
      EMISSION
      #RADIO EMISSION
      ..CN EMISSION
      ..HYDROXYL EMISSION
      ..RADIO BURSTS
      ...SOLAR RADIO BURSTS
      ....TYPE 2 BURSTS
      ....TYPE 3 BURSTS
      ....TYPE 4 BURSTS
      ....TYPE 5 BURSTS
      ..SOLAR RADIO EMISSION
      ...SOLAR RADIO BURSTS
      ....TYPE 2 BURSTS
      ....TYPE 3 BURSTS
      ....TYPE 4 BURSTS
      ....TYPE 5 BURSTS
  RT  EXTRAGALACTIC RADIO SOURCES
      EXTRATERRESTRIAL RADIO WAVES
      QUASARS
      RADIO JETS (ASTRONOMY)

RADIO EQUIPMENT
  0701 0705 0905
  GS  #RADIO EQUIPMENT
      .RADIO ANTENNAS
      ..MICROWAVE ANTENNAS
      ...HORN ANTENNAS
      ...LENS ANTENNAS
      ...SPACETENNAS
      .RADIO FILTERS
      .RADIO RECEIVERS
      ..SUPERHETERODYNE RECEIVERS
      ..TRANSMITTER RECEIVERS
      ..WHISTLER RECORDERS
      .RADIO TELESCOPES
      ..KILOMETER WAVE ORBITING TELESCOPE
      ..VERY LARGE ARRAY (VLA)
      ..VERY LONG BASELINE ARRAY (VLBA)
      .RADIO TRANSMITTERS
      ..RADIO BEACONS
      ...OMNIDIRECTIONAL RADIO RANGES
      ....SELF CALIBRATING OMNIRANGE
      ..RADIOMETEOROGRAPHS
      ..RADIOSONDES
      ...ENDORADIOSONDES
      ...IONOSONDES
      ...RAWINSONDES
      ..RADIOTELEPHONES
      ..SONOBUOYS
      ..TRANSMITTER RECEIVERS
      .RECEPTION DIVERSITY
      .SPACECRAFT ANTENNAS
      .TRANSPONDERS
      .VERY HIGH FREQUENCY RADIO
       EQUIPMENT
  RT  AIRBORNE EQUIPMENT
      ANTENNAS
      BROADCASTING
      COMMUNICATION EQUIPMENT
      CRYSTAL FILTERS
      CYLINDRICAL ANTENNAS
      JAMMERS
      NEAR FIELDS
      ONBOARD EQUIPMENT
      RADAR EQUIPMENT

RADIO FILTERS
  0701 0705 0905
  GS  ELECTROMAGNETIC WAVE FILTERS
      .ELECTRIC FILTERS
      .#RADIO FILTERS
      RADIO EQUIPMENT
      #RADIO FILTERS
  RT  CRYSTAL FILTERS
    % FILTERS
      INTERFERENCE GRATING
      MICROWAVE FILTERS
      RADAR FILTERS

RADIO FREQUENCIES
  0705 0710 1406 2309 2402
  GS  FREQUENCIES
      #RADIO FREQUENCIES
      ..EXTREMELY LOW RADIO FREQUENCIES
      ..HIGH FREQUENCIES
      ..LOW FREQUENCIES
      ...VERY LOW FREQUENCIES
      ..LOW FREQUENCY BANDS
      ...VERY LOW FREQUENCIES
      ..MICROWAVE FREQUENCIES
      ...C BAND
      ...EXTREMELY HIGH FREQUENCIES
      ...P BAND
      ...SUPERHIGH FREQUENCIES
      ..ULTRAHIGH FREQUENCIES
      ...P BAND
      ..VERY HIGH FREQUENCIES
      ...P BAND
  RT  AUDIO FREQUENCIES
      CARRIER FREQUENCIES
      EXTREMELY LOW FREQUENCIES
      INTERMEDIATE FREQUENCIES
      RADII

RADIO FREQUENCY DISCHARGE
  0705 0710 2402
  GS  ELECTRIC CURRENT
      .ELECTRIC DISCHARGES
      .#RADIO FREQUENCY DISCHARGE
  RT  ELECTRODELESS DISCHARGES
      ELECTRON EMISSION
      RING DISCHARGE

RADIO FREQUENCY HEATING
  2402 2502 3303
  GS  HEATING
      #RADIO FREQUENCY HEATING
  RT  INDUCTION HEATING
      PLASMA HEATING

RADIO FREQUENCY IMPEDANCE PROBES
  2402 3108
  GS  MEASURING INSTRUMENTS
      .IMPEDANCE PROBES
      .#RADIO FREQUENCY IMPEDANCE PROBES
  RT  IMPEDANCE MEASUREMENT
      ION PROBES
      MICROWAVE PROBES
      PLASMA PROBES

RADIO FREQUENCY INTERFERENCE
  0704 0705 3501
  UF  RADIO INTERFERENCE
  GS  ELECTROMAGNETIC INTERFERENCE
      #RADIO FREQUENCY INTERFERENCE
      ..BLACKOUT (PROPAGATION)
      ...POLAR RADIO BLACKOUT
      ..CHIRP
      ...CHIRP SIGNALS
      ..ELECTROMAGNETIC NOISE
      ...ATMOSPHERICS
      ....IONOSPHERICS
      .....DAWN CHORUS
      .....HISS
      ....SUDDEN ENHANCEMENT OF
          ATMOSPHERICS
      ....WHISTLERS
      ...COSMIC NOISE
      ...IONOSPHERIC NOISE
      ....WHISTLERS
      ...SHOT NOISE
      ...WHITE NOISE
      ....THERMAL NOISE
      ..IONOSPHERIC CROSS MODULATION
  RT  CLUTTER
      CROSS COUPLING
      ELECTROMAGNETIC COMPATIBILITY
      ELECTRONIC COUNTERMEASURES
      ELECTRONIC WARFARE
```

EXTRATERRESTRIAL RADIO WAVES
% INTERFERENCE
INTERFERENCE GRATING
INTERFERENCE IMMUNITY
JAMMING
NOISE GENERATORS
NOISE STORMS
SIGNAL FADING

RADIO FREQUENCY ION THRUSTOR ENGINES
USE RIT ENGINES

RADIO FREQUENCY NOISE
USE ELECTROMAGNETIC NOISE

RADIO FREQUENCY RADIATION
USE RADIO WAVES

RADIO FREQUENCY SHIELDING
0701 0705 2402
GS SHIELDING
.ELECTROMAGNETIC SHIELDING
.#RADIO FREQUENCY SHIELDING
RT RADIATION SHIELDING
SPACECRAFT SHIELDING

RADIO GALAXIES
0708 0710 3001
GS CELESTIAL BODIES
.GALAXIES
..ACTIVE GALAXIES
..#RADIO GALAXIES
.RADIO SOURCES (ASTRONOMY)
..EXTRAGALACTIC RADIO SOURCES
..#RADIO GALAXIES
RT ACTIVE GALACTIC NUCLEI
BLAZARS
DISK GALAXIES
MAFFEI GALAXIES
QUASARS

RADIO HORIZONS
0705 0710 0901
GS HORIZON
#RADIO HORIZONS
RT HORIZON SCANNERS

RADIO INTERFERENCE
USE RADIO FREQUENCY INTERFERENCE

RADIO INTERFEROMETERS
0705 0709 1109 1405 2903
GS MEASURING INSTRUMENTS
.INTERFEROMETERS
.#RADIO INTERFEROMETERS
RT ASTROPHYSICS
ORION (RADIO INTERFEROMETRY NETWORK)
VERY LONG BASE INTERFEROMETRY

RADIO JETS (ASTRONOMY)
2903 3001 3002
GS CELESTIAL BODIES
.RADIO SOURCES (ASTRONOMY)
..EXTRAGALACTIC RADIO SOURCES
..#RADIO JETS (ASTRONOMY)
PARTICLES
.CHARGED PARTICLES
..PLASMA JETS
..#RADIO JETS (ASTRONOMY)
RT ASTROPHYSICS
ENERGETIC PARTICLES
EXTRATERRESTRIAL RADIATION
EXTRATERRESTRIAL RADIO WAVES
GALACTIC NUCLEI
GALACTIC RADIO WAVES
QUASARS
RADIO ASTRONOMY
RADIO EMISSION

RADIO METEOROLOGY
0705 1301 1302 2002 2003
GS METEOROLOGY
#RADIO METEOROLOGY
RT ATMOSPHERICS
METEOROLOGICAL RADAR
RADIOSONDES

RADIO METEORS
0705 3005
GS CELESTIAL BODIES
.METEOROIDS
.#RADIO METEORS
RT ATMOSPHERIC IONIZATION
METEOR TRAILS

RADIO NAVIGATION
0202 0705 1402 1703 2102 2103
GS NAVIGATION
#RADIO NAVIGATION
..HYPERBOLIC NAVIGATION
...DECCA NAVIGATION
...LORAC NAVIGATION SYSTEM
...LORAN
....LORAN C
....LORAN D
...SHORAN
..TACAN
..VHF OMNIRANGE NAVIGATION
RT AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT GUIDANCE
ALL-WEATHER AIR NAVIGATION
ASTRONAVIGATION
AUTOMATIC FLIGHT CONTROL
CELESTIAL NAVIGATION
COLLISION AVOIDANCE
DEAD RECKONING
DISTANCE MEASURING EQUIPMENT
DOPPLER NAVIGATION
FLIGHT CONTROL
GUIDANCE (MOTION)
HOMING DEVICES
INERTIAL NAVIGATION
INTERPLANETARY NAVIGATION
NAVIGATION AIDS
OMNIDIRECTIONAL RADIO RANGES
POSITIONING
RADAR NAVIGATION
SATELLITE NAVIGATION SYSTEMS
SOLAR COMPASSES
SPACE NAVIGATION
SURFACE NAVIGATION

RADIO OBSERVATION
0705 0709 3009
RT OBSERVATION
SPACE OBSERVATIONS (FROM EARTH)

RADIO OCCULTATION
1902 3108 2903
GS OCCULTATION
#RADIO OCCULTATION
RT ATMOSPHERIC COMPOSITION
ATMOSPHERIC PRESSURE
ATMOSPHERIC TEMPERATURE
PLANETARY ATMOSPHERES
SPACE PROBES
SPACECRAFT TRAJECTORIES

RADIO PHYSICS
2402
RT % PHYSICS
% SCIENCE
THEORETICAL PHYSICS

RADIO PROBING
0705 0708
RT MEASURING INSTRUMENTS
% PROBES

RADIO PROPAGATION
USE RADIO TRANSMISSION

RADIO RANGE

```
  0702 0705 0710
  SN   (EXCLUDES RADIO BEACONS)
  GS   DISTANCE
       #RADIO RANGE
       RANGE (EXTREMES)
       .FREQUENCY RANGES
       .#RADIO RANGE
  RT   RADAR RANGE

RADIO RANGES
  USE  RADIO BEACONS

RADIO RECEIVERS
  0701 0705 0901 0904
  GS   COMMUNICATION EQUIPMENT
       #RADIO RECEIVERS
       ..SUPERHETERODYNE RECEIVERS
       ..TRANSMITTER RECEIVERS
       ..WHISTLER RECORDERS
       RADIO EQUIPMENT
       #RADIO RECEIVERS
       ..SUPERHETERODYNE RECEIVERS
       ..TRANSMITTER RECEIVERS
       ..WHISTLER RECORDERS
       RECEIVERS
       #RADIO RECEIVERS
       ..SUPERHETERODYNE RECEIVERS
       ..TRANSMITTER RECEIVERS
       ..WHISTLER RECORDERS
  RT   DATA LINKS
       DIRECTORS (ANTENNA ELEMENTS)
       ELECTROMAGNETIC NOISE
       INTERMEDIATE FREQUENCY AMPLIFIERS
       LOUDSPEAKERS
       ORION (RADIO INTERFEROMETRY
       NETWORK)
       PARASITIC ELEMENTS (ANTENNAS)
       RADAR RECEIVERS
       RECEPTION DIVERSITY
       TELEVISION RECEPTION
       TRANSPONDERS
       TUNERS

RADIO RECEPTION
  0705 0710 2402
  RT   HOMODYNE RECEPTION
       RADAR RECEPTION
     % RECEIVING
       RECEPTION DIVERSITY
       SCATTER PROPAGATION
       TELEVISION RECEPTION

RADIO REFLECTION
  USE  RADIO ECHOES

RADIO RELAY SYSTEMS
  0702 0705 0710 0901 0905
  GS   TELECOMMUNICATION
       .RADIO COMMUNICATION
       .#RADIO RELAY SYSTEMS
       ...CODE DIVISION MULTIPLE ACCESS
       ...TIME DIVISION MULTIPLE ACCESS
  RT   COMMUNICATION EQUIPMENT
       COMMUNICATION SATELLITES
       DATA LINKS
       DEFENSE COMMUNICATIONS SATELLITE
       SYSTEM
       EARTH TERMINAL MEASUREMENT SYSTEM
       EARTH TERMINALS
       GLOBAL TRACKING NETWORK
       MOLNIYA SATELLITES
       MSAT
       ORBIT SPECTRUM UTILIZATION
     % RELAY
     % SYSTEMS
       TDR SATELLITES

RADIO SCATTERING
  0705 1301 1302
  RT   ATMOSPHERIC DIFFUSION
       ATMOSPHERIC SCATTERING
       SCATTER PROPAGATION
       SIGNAL FADING
       SIGNAL TRANSMISSION

RADIO SIGNAL ATTENUATION
  USE  RADIO ATTENUATION

RADIO SIGNAL PROPAGATION
  USE  RADIO TRANSMISSION

RADIO SIGNALS
  0702 0705 0710 2402
  RT   BROADCASTING
       PROJECT SETI
       SIGNAL DISTORTION
       SIGNAL MIXING
     % SIGNALS
       TRANSHORIZON RADIO PROPAGATION
       WHISTLERS

RADIO SOURCES (ASTRONOMY)
  0705 2402 2901 2903
  SN   (LIMITED TO EXTRATERRESTRIAL RADIO
       SOURCES)
  GS   CELESTIAL BODIES
       #RADIO SOURCES (ASTRONOMY)
       ..CASSIOPEIA A
       ..EXTRAGALACTIC RADIO SOURCES
       ...RADIO GALAXIES
       ...RADIO JETS (ASTRONOMY)
       ..QUASARS
       ..RADIO STARS
       ...PULSARS
  RT   BL LACERTAE OBJECTS
       BLAZARS
       CN EMISSION
       EXTRATERRESTRIAL RADIO WAVES
       GALACTIC NUCLEI
       GALAXIES
       HYDROXYL EMISSION
       IRREGULAR GALAXIES
       MAFFEI GALAXIES
       MILKY WAY GALAXY
       RADIATION SOURCES
     % SOURCES

RADIO SPECTRA
  0705 2402 3009
  GS   SPECTRA
       .RADIATION SPECTRA
       ..ELECTROMAGNETIC SPECTRA
       ..#RADIO SPECTRA
       ....MICROWAVE SPECTRA
  RT   CARRIER WAVES
       ELECTROMAGNETIC NOISE
       H I REGIONS
       RADIANT FLUX DENSITY

RADIO SPECTROSCOPY
  0705 1411 2402 3009
  GS   SPECTROSCOPY
       #RADIO SPECTROSCOPY
  RT   ASTRONOMICAL SPECTROSCOPY
       ULTRAVIOLET SPECTRA
       ULTRAVIOLET SPECTROSCOPY
       X RAY SPECTROSCOPY

RADIO STARS
  0705 0709 2402 2901 3001
  GS   CELESTIAL BODIES
       .RADIO SOURCES (ASTRONOMY)
       .#RADIO STARS
       ...PULSARS
       .STARS
       .#RADIO STARS
       ...PULSARS
  RT   QUASARS
       RADIATIVE TRANSFER
       STELLAR RADIATION

RADIO TELEGRAPHY
  0702 0705
  GS   TELECOMMUNICATION
       .RADIO COMMUNICATION
```

.#RADIO TELEGRAPHY
RT COMMUNICATION EQUIPMENT
KEYING
MORSE CODE

RADIO TELEMETRY
0705 0708 1002 1409
GS TELECOMMUNICATION
.RADIO COMMUNICATION
.#RADIO TELEMETRY
...PULSE FREQUENCY MODULATION TELEMETRY
.TELEMETRY
.#RADIO TELEMETRY
...PULSE FREQUENCY MODULATION TELEMETRY
TRANSMISSION
.SIGNAL TRANSMISSION
..TELEMETRY
..#RADIO TELEMETRY
....PULSE FREQUENCY MODULATION TELEMETRY
RT COMMUNICATION EQUIPMENT
DATA TRANSMISSION
EXTRATERRESTRIAL COMMUNICATION
GROUND SUPPORT EQUIPMENT
MEASURING INSTRUMENTS
PULSE MODULATION
RADIOMETEOROGRAPHS
RADIOSONDES
SPACE COMMUNICATION
WIRELESS COMMUNICATION

RADIO TELESCOPES
0705 1412 2402 3001
GS RADIO EQUIPMENT
#RADIO TELESCOPES
..KILOMETER WAVE ORBITING TELESCOPE
..VERY LARGE ARRAY (VLA)
..VERY LONG BASELINE ARRAY (VLBA)
TELESCOPES
#RADIO TELESCOPES
..KILOMETER WAVE ORBITING TELESCOPE
..VERY LARGE ARRAY (VLA)
..VERY LONG BASELINE ARRAY (VLBA)
RT ANTENNAS
JODRELL BANK OBSERVATORY
OPTICAL EQUIPMENT
PHASE SWITCHING INTERFEROMETERS
QUASAT

RADIO TRACKING
0705 0709 1109
GS TRACKING (POSITION)
#RADIO TRACKING
..WILDLIFE RADIOLOCATION
RT RADAR SCANNING
RADAR TRACKING
RANGE AND RANGE RATE TRACKING
RANGEFINDING
RAWINSONDES
SPACECRAFT TRACKING

RADIO TRANSMISSION
0705 0901 2402
UF RADIO PROPAGATION
RADIO SIGNAL PROPAGATION
GS TRANSMISSION
.ELECTROMAGNETIC WAVE TRANSMISSION
.#RADIO TRANSMISSION
...DOUBLE SIDEBAND TRANSMISSION
...IONOSPHERIC PROPAGATION
....IONOSPHERIC F-SCATTER PROPAGATION
...MICROWAVE ATTENUATION
...MICROWAVE TRANSMISSION
...MULTIPATH TRANSMISSION
...SHORT WAVE RADIO TRANSMISSION
...SINGLE SIDEBAND TRANSMISSION
...SPREAD SPECTRUM TRANSMISSION
...TRANSEQUATORIAL PROPAGATION
...TRANSHORIZON RADIO PROPAGATION
.SIGNAL TRANSMISSION
.#RADIO TRANSMISSION
...DOUBLE SIDEBAND TRANSMISSION
...IONOSPHERIC PROPAGATION
....IONOSPHERIC F-SCATTER PROPAGATION
...MICROWAVE ATTENUATION
...MICROWAVE TRANSMISSION
...MULTIPATH TRANSMISSION
...SHORT WAVE RADIO TRANSMISSION
...SINGLE SIDEBAND TRANSMISSION
...TRANSEQUATORIAL PROPAGATION
...TRANSHORIZON RADIO PROPAGATION
RT ANTIPODES
ATMOSPHERIC ATTENUATION
BROADCASTING
CODE DIVISION MULTIPLEXING
COMPANDING
DATA TRANSMISSION
EARTH-IONOSPHERE WAVEGUIDE
FREQUENCY REUSE
FREQUENCY SHIFT KEYING
MAGNETOIONICS
MODULATION
MULTIPLEXING
PACKET SWITCHING
PULSE COMMUNICATION
PULSE FREQUENCY MODULATION
TELEMETRY
RADAR TRANSMISSION
RADOME MATERIALS
SATELLITE TRANSMISSION
SCATTER PROPAGATION
SEAFARER PROJECT
SOMMERFELD APPROXIMATION
SYMPHONIE SATELLITES
VOICE OF AMERICA
WAVE ATTENUATION
WAVE PROPAGATION

RADIO TRANSMITTERS
0705 0905
GS RADIO EQUIPMENT
#RADIO TRANSMITTERS
..RADIO BEACONS
...OMNIDIRECTIONAL RADIO RANGES
....SELF CALIBRATING OMNIRANGE
..RADIOMETEOROGRAPHS
..RADIOSONDES
...ENDORADIOSONDES
...IONOSONDES
...RAWINSONDES
..RADIOTELEPHONES
..SONOBUOYS
..TRANSMITTER RECEIVERS
TRANSMITTERS
#RADIO TRANSMITTERS
..RADIO BEACONS
...OMNIDIRECTIONAL RADIO RANGES
....SELF CALIBRATING OMNIRANGE
..RADIOMETEOROGRAPHS
..RADIOSONDES
...ENDORADIOSONDES
...IONOSONDES
...RAWINSONDES
..RADIOTELEPHONES
..SONOBUOYS
..TRANSMITTER RECEIVERS
RT MULTICHANNEL COMMUNICATION
QUARTZ CRYSTALS
TELEVISION TRANSMISSION
TRANSPONDERS
WILDLIFE RADIOLOCATION

RADIO WAVE REFRACTION
0705 0710 1302 2309 2402
GS REFRACTION
.ATMOSPHERIC REFRACTION
.#RADIO WAVE REFRACTION
RT WAVE DISPERSION

RADIO WAVES
0705 0710 2309 2402 2901 2903

```
  UF   RADIO FREQUENCY RADIATION
  GS   ELECTROMAGNETIC RADIATION
       #RADIO WAVES
       ..DECAMETRIC WAVES
       ..EXTRATERRESTRIAL RADIO WAVES
       ...GALACTIC RADIO WAVES
       ...RADIO BURSTS
       ....SOLAR RADIO BURSTS
       .....TYPE 2 BURSTS
       .....TYPE 3 BURSTS
       .....TYPE 4 BURSTS
       .....TYPE 5 BURSTS
       ...SOLAR RADIO EMISSION
       ....SOLAR RADIO BURSTS
       .....TYPE 2 BURSTS
       .....TYPE 3 BURSTS
       .....TYPE 4 BURSTS
       .....TYPE 5 BURSTS
       ..LONG WAVE RADIATION
       ..RADIO EMISSION
       ...CN EMISSION
       ...HYDROXYL EMISSION
       ...RADIO BURSTS
       ....SOLAR RADIO BURSTS
       .....TYPE 2 BURSTS
       .....TYPE 3 BURSTS
       .....TYPE 4 BURSTS
       .....TYPE 5 BURSTS
       ...SOLAR RADIO EMISSION
       ....SOLAR RADIO BURSTS
       .....TYPE 2 BURSTS
       .....TYPE 3 BURSTS
       .....TYPE 4 BURSTS
       .....TYPE 5 BURSTS
       ..SHORT WAVE RADIATION
       ...MICROWAVES
       ....CENTIMETER WAVES
       ....DECIMETER WAVES
       ....MICROWAVE EMISSION
       ....MILLIMETER WAVES
       ...SUBMILLIMETER WAVES
       ..SKY WAVES
       ...WHISTLERS
  RT   ATMOSPHERICS
       COHERENT ELECTROMAGNETIC RADIATION
       ELECTROMAGNETIC NOISE
       ELECTROMAGNETIC SURFACE WAVES
       EXTRATERRESTRIAL RADIATION
       FAR INFRARED RADIATION
       FREQUENCIES
       GROUND WAVE PROPAGATION
       MONOCHROMATIC RADIATION
       MULTIPATH TRANSMISSION
       NONTHERMAL RADIATION
       PLANETARY RADIATION
       POLARIZED ELECTROMAGNETIC RADIATION
       SCATTER PROPAGATION
       SOLAR RADIATION
       SOLITARY WAVES
       THERMAL RADIATION
       TRANSVERSE WAVES
       TRAVELING WAVES
       TROPOSPHERIC WAVES

RADIOACTIVE AGE DETERMINATION
  1306 1406 2406
  UF   RADIOACTIVE DATING
  RT % AGING
       FOSSILS
       GEOCHRONOLOGY
       HALF LIFE
     % MEASUREMENT
       RADIOCHEMISTRY
       RADIOGENIC MATERIALS
       TIME MEASUREMENT

RADIOACTIVE CONTAMINANTS
  0401 0411 0505 2406
  GS   CONTAMINANTS
       #RADIOACTIVE CONTAMINANTS
  RT   ATMOSPHERIC COMPOSITION
       FALLOUT
       NUCLEAR RADIATION
       RADIATION EFFECTS
       RADIATION HAZARDS

RADIOACTIVE DATING
  USE  RADIOACTIVE AGE DETERMINATION

% RADIOACTIVE DEBRIS
  1301 1302 2205 2406
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   DEBRIS
       FALLOUT
       RADIOACTIVE MATERIALS
       RADIOACTIVE WASTES
       RADIOGENIC MATERIALS

RADIOACTIVE DECAY
  2405 2406
  UF   PARTICLE DECAY
  GS   DECAY
       #RADIOACTIVE DECAY
       ..ALPHA DECAY
       ..NEUTRON EMISSION
       NUCLEAR REACTIONS
       #RADIOACTIVE DECAY
       ..ALPHA DECAY
       ..NEUTRON EMISSION
  RT   EMISSION
       GAMMA RAY BEAMS
       GAMMA RAYS
       HALF LIFE
       HYPERNUCLEI
       NUCLEAR FISSION
       NUCLEAR RADIATION
       PHOTOPRODUCTION
       POST-BLAST NUCLEAR RADIATION
       RADIOACTIVITY
       RADIOGENIC MATERIALS
       THERMONUCLEAR REACTIONS
       VECTOR CURRENTS

RADIOACTIVE ELEMENTS
  USE  RADIOACTIVE ISOTOPES

RADIOACTIVE ISOTOPES
  2406
  UF   RADIOACTIVE ELEMENTS
       RADIOACTIVE NUCLIDES
       RADIONUCLIDES
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#RADIOACTIVE ISOTOPES
       ....ASTATINE ISOTOPES
       ....BERYLLIUM 7
       ....BERYLLIUM 9
       ....BERYLLIUM 10
       ....CARBON 14
       ....CERIUM 137
       ....CERIUM 144
       ....CESIUM 134
       ....CESIUM 137
       ....CESIUM 144
       ....COBALT 58
       ....COBALT 60
       ....GOLD 198
       ....INDIUM ISOTOPES
       ....IODINE 125
       ....IODINE 131
       ....IODINE 132
       ....IRON 59
       ....KRYPTON 85
       ....NIOBIUM 95
       ....NITROGEN 16
       ....PHOSPHORUS 32
       ....POLONIUM 208
       ....POLONIUM 209
       ....POLONIUM 210
       ....POTASSIUM 38
       ....POTASSIUM 40
       ....RUBIDIUM 86
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....SODIUM 22
....SODIUM 24
....STRONTIUM 85
....STRONTIUM 88
....STRONTIUM 89
....STRONTIUM 90
....TRANSURANIUM ELEMENTS
.....AMERICIUM
.....AMERICIUM ISOTOPES
.....AMERICIUM 241
.....BERKELIUM
.....CALIFORNIUM
.....CALIFORNIUM ISOTOPES
.....CURIUM
.....CURIUM ISOTOPES
.....CURIUM 242
.....CURIUM 244
.....EINSTEINIUM
.....FERMIUM
.....LAWRENCIUM
.....MENDELEVIUM
.....NEPTUNIUM
.....NEPTUNIUM ISOTOPES
.....NOBELIUM
.....PLUTONIUM
.....PLUTONIUM ISOTOPES
.....PLUTONIUM 238
.....PLUTONIUM 239
.....PLUTONIUM 240
.....PLUTONIUM 241
.....PLUTONIUM 244
.....SERGENIUM
....TRITIUM
....URANIUM 232
....URANIUM 233
....URANIUM 238
....XENON 133
....XENON 135
....ZIRCONIUM 95
RT ACTINIDE SERIES
ARSENIC ISOTOPES
GOLD ISOTOPES
ISOTOPE EFFECT
ISOTOPIC LABELING
RADIOCARDIOGRAPHY
RADIOISOTOPE BATTERIES
RADIOPHOSPHORS
RHENIUM ISOTOPES

RADIOACTIVE MATERIALS
2203 2205 2406
RT ACTINIDE SERIES
FISSILE FUELS
FISSION PRODUCTS
FISSIONABLE MATERIALS
IONIZING RADIATION
ISOTOPES
% MATERIALS
NUCLEAR FISSION
NUCLEAR RADIATION
RADIATION HAZARDS
RADIATION SOURCES
% RADIOACTIVE DEBRIS
RADIOACTIVITY
RADIOBIOLOGY
RADIOCHEMISTRY
URANIUM PLASMAS

RADIOACTIVE NUCLIDES
USE RADIOACTIVE ISOTOPES

RADIOACTIVE WASTES
0505 0602 2402
UF NUCLEAR WASTES
GS WASTES
#RADIOACTIVE WASTES
RT CONTAMINATION
DECOMMISSIONING
ENVIRONMENT POLLUTION
ENVIRONMENT PROTECTION
ENVIRONMENTAL SURVEYS
FISSION PRODUCTS
HAZARDOUS MATERIAL DISPOSAL (IN SPACE)
NONPOINT SOURCES
PLASMA CORE REACTORS
POISONING (REACTION INHIBITION)
POLLUTION
RADIATION HAZARDS
% RADIOACTIVE DEBRIS
RADIOCHEMISTRY
RADIOGENIC MATERIALS
SOLID WASTES
WASTE DISPOSAL

RADIOACTIVITY
0411 2202 2401 2403 2405 2406 3408
RT % ACTIVITY
ALPHA PARTICLES
EMISSION
FALLOUT
FISSION PRODUCTS
GAMMA RAYS
GEOCHEMISTRY
GEOPHYSICS
HALF LIFE
IONIZING RADIATION
NUCLEAR RADIATION
PARTICLE PRODUCTION
POST-BLAST NUCLEAR RADIATION
% RADIATION
RADIATION HAZARDS
RADIOACTIVE DECAY
RADIOACTIVE MATERIALS
RADIOCHEMISTRY

RADIOBIOLOGY
0403 0411 2406
GS MEDICAL SCIENCE
.NUCLEAR MEDICINE
.#RADIOBIOLOGY
RT ANTIRADIATION DRUGS
% BIOLOGY
BIOMAGNETISM
DOSIMETERS
HEALTH PHYSICS
IMMUNOASSAY
IRRADIATION
% MEDICINE
NUCLEAR RADIATION
RADIOACTIVE MATERIALS
RADIOCHEMISTRY
RADIOIMMUNOASSAY

RADIOCARDIOGRAPHY
0401
GS BIOENGINEERING
.BIOMETRICS
.#RADIOCARDIOGRAPHY
RT CARDIOLOGY
RADIOACTIVE ISOTOPES

RADIOCHEMICAL SEPARATION
0601
GS RADIOCHEMISTRY
#RADIOCHEMICAL SEPARATION
RT CHEMICAL REACTIONS
QUANTITATIVE ANALYSIS
% SEPARATION

RADIOCHEMISTRY
0603 2406
UF REACTOR CHEMISTRY
GS #RADIOCHEMISTRY
.RADIOCHEMICAL SEPARATION
RT CHEMICAL ANALYSIS
% CHEMISTRY
IONIZING RADIATION
ISOTOPIC LABELING
NUCLEAR CHEMISTRY
NUCLEAR RADIATION
NUCLEAR RESEARCH
RADIOACTIVE AGE DETERMINATION
RADIOACTIVE MATERIALS
RADIOACTIVE WASTES

RADIOACTIVITY
RADIOBIOLOGY

RADIOGENIC MATERIALS
1703 1807 2406
RT NUCLEAR REACTIONS
RADIOACTIVE AGE DETERMINATION
% RADIOACTIVE DEBRIS
RADIOACTIVE DECAY
RADIOACTIVE WASTES
TRANSMUTATION

RADIOGONIOMETERS
0705 0905 1409
GS MEASURING INSTRUMENTS
.GONIOMETERS
.#RADIOGONIOMETERS
RT RADIO DIRECTION FINDERS

RADIOGRAPHY
1407 2402 2406
UF CINEFLUOROGRAPHY
CINERADIOGRAPHY
GS IMAGERY
#RADIOGRAPHY
..ANGIOGRAPHY
..AUTORADIOGRAPHY
..NEUTRON RADIOGRAPHY
..TOMOGRAPHY
...COMPUTER AIDED TOMOGRAPHY
..UROGRAPHY
RT BRAGG ANGLE
CRYSTALLOGRAPHY
% FLASH
IRRADIATION
LIXISCOPES
% MATERIALS TESTS
METALLOGRAPHY
NONDESTRUCTIVE TESTS
PHOTOGRAPHY
PNEUMOGRAPHY
RADIOLOGY
X RAY ANALYSIS
X RAY APPARATUS
X RAY ASTRONOMY
X RAY DIFFRACTION
X RAY FLUORESCENCE
X RAY IMAGERY
X RAY INSPECTION
X RAY SPECTROSCOPY
X RAY TELESCOPES
X RAY TUBES
X RAYS

RADIOIMMUNOASSAY
0404
GS IMMUNOASSAY
#RADIOIMMUNOASSAY
RT ANTIGENS
ASSAYING
BIOCHEMISTRY
IMMUNOLOGY
RADIOBIOLOGY

RADIOISOTOPE BATTERIES
0301
UF ATOMIC BATTERIES
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
.#RADIOISOTOPE BATTERIES
...SNAP 7
...SNAP 9A
...SNAP 11
...SNAP 13
...SNAP 15
...SNAP 17
...SNAP 19
...SNAP 21
...SNAP 23
...SNAP 27
...SNAP 29
RT ELECTRIC BATTERIES
FISSION ELECTRIC CELLS
NUCLEAR AUXILIARY POWER UNITS
RADIOACTIVE ISOTOPES
THERMIONIC CONVERTERS
THERMOELECTRIC GENERATORS

RADIOLOGY
0401 0405 0411 2406
GS MEDICAL SCIENCE
#RADIOLOGY
RT AEROSPACE MEDICINE
% MEDICINE
% RADIATION
RADIOGRAPHY
X RAY ANALYSIS
X RAYS

RADIOLYSIS
0602 0603 2202 2406
GS CHEMICAL REACTIONS
.PHOTOCHEMICAL REACTIONS
.#RADIOLYSIS
DECOMPOSITION
#RADIOLYSIS
DISSOCIATION
#RADIOLYSIS
RADIATION CHEMISTRY
#RADIOLYSIS
RADIATION EFFECTS
#RADIOLYSIS
RT PHOTOLYSIS

RADIOMETEOROGRAPHS
0705 2003 2402 3005
GS MEASURING INSTRUMENTS
.METEOROLOGICAL INSTRUMENTS
.#RADIOMETEOROGRAPHS
RADIO EQUIPMENT
.RADIO TRANSMITTERS
.#RADIOMETEOROGRAPHS
RECORDING INSTRUMENTS
#RADIOMETEOROGRAPHS
TRANSMITTERS
.RADIO TRANSMITTERS
.#RADIOMETEOROGRAPHS
RT RADIO TELEMETRY
RADIOSONDES

RADIOMETERS
1404 1406 1407 1409 2402 3009 3501
GS MEASURING INSTRUMENTS
.RADIATION MEASURING INSTRUMENTS
..ACTINOMETERS
..#RADIOMETERS
....DICKE RADIOMETERS
....INFRARED DETECTORS
.....INFRARED RADIOMETERS
....INFRARED SCANNERS
....MICROWAVE RADIOMETERS
....PASSIVE L-BAND RADIOMETERS
....PRESSURE MODULATOR RADIOMETERS
....SPECTRORADIOMETERS
RT BOLOMETERS
FOREST FIRE DETECTION
HORIZON SCANNERS
INFRARED PHOTOGRAPHY
INFRARED TRACKING
KNUDSEN GAGES
PHOTOMETERS
PYRANOMETERS
RADIOMETRIC RESOLUTION
SPECTROPHOTOMETERS
THERMISTORS
ULTRAVIOLET DETECTORS
X RAY DETECTORS

RADIOMETRIC CORRECTION
1404
UF RADIOMETRIC RECTIFICATION
RT IMAGE ENHANCEMENT
INFRARED RADIOMETERS
MULTISPECTRAL BAND SCANNERS
VEGETATIVE INDEX

```
RADIOMETRIC RECTIFICATION
  USE  RADIOMETRIC CORRECTION

RADIOMETRIC RESOLUTION
  1404
  GS   RESOLUTION
       #RADIOMETRIC RESOLUTION
  RT   MULTISPECTRAL BAND SCANNERS
       RADIOMETERS
       REMOTE SENSORS
       SPECTRAL RESOLUTION

RADIONUCLIDES
  USE  RADIOACTIVE ISOTOPES

RADIOPATHOLOGY
  0401 0405 0411
  GS   MEDICAL SCIENCE
       #RADIOPATHOLOGY
  RT   ANTIRADIATION DRUGS
       NUCLEAR MEDICINE
       RADIATION SICKNESS

RADIOPHOSPHORS
  0603 0605 2406
  GS   PHOSPHORS
       #RADIOPHOSPHORS
  RT   RADIOACTIVE ISOTOPES

RADIOPROTECTIVE AGENTS
  USE  ANTIRADIATION DRUGS

RADIOSENSITIVITY
  USE  RADIATION TOLERANCE

RADIOSONDES
  0708 1413 2002 2003 2402
  GS   MEASURING INSTRUMENTS
       .METEOROLOGICAL INSTRUMENTS
       .#RADIOSONDES
       ...ENDORADIOSONDES
       ...IONOSONDES
       ...RAWINSONDES
       .SONDES
       .#RADIOSONDES
       ...ENDORADIOSONDES
       ...IONOSONDES
       ...RAWINSONDES
       RADIO EQUIPMENT
       .RADIO TRANSMITTERS
       .#RADIOSONDES
       ...ENDORADIOSONDES
       ...IONOSONDES
       ...RAWINSONDES
       TRANSMITTERS
       .RADIO TRANSMITTERS
       .#RADIOSONDES
       ...ENDORADIOSONDES
       ...IONOSONDES
       ...RAWINSONDES
  RT   ARCAS ROCKET VEHICLES
       BALLOON SOUNDING
       BALLOON-BORNE INSTRUMENTS
       DROPSONDES
       METEOROLOGICAL BALLOONS
       RADIO METEOROLOGY
       RADIO TELEMETRY
       RADIOMETEOROGRAPHS
       ROBIN BALLOONS
       SATELLITE SOUNDING
       SOUNDING ROCKETS

RADIOTELEPHONES
  0702 0710 2402
  GS   RADIO EQUIPMENT
       .RADIO TRANSMITTERS
       .#RADIOTELEPHONES
       RECEIVERS
       #RADIOTELEPHONES
       TELECOMMUNICATION
       #RADIOTELEPHONES
       TELEPHONES
       #RADIOTELEPHONES
       TRANSMITTERS
       .RADIO TRANSMITTERS
       .#RADIOTELEPHONES
  RT   ECHO SUPPRESSORS
       RADIO COMMUNICATION
       TELEPHONY
       VOICE COMMUNICATION

RADIOTHERAPY
  USE  RADIATION THERAPY

RADIUM
  1703 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       .#RADIUM
       ...RADIUM ISOTOPES
       ....RADIUM 226
       METALS
       .ACTINIDE SERIES
       .#RADIUM
       ...RADIUM ISOTOPES
       ....RADIUM 226

RADIUM ISOTOPES
  1703 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..RADIUM
       ..#RADIUM ISOTOPES
       ....RADIUM 226
       .NUCLIDES
       ..ISOTOPES
       ..#RADIUM ISOTOPES
       ....RADIUM 226
       METALS
       .ACTINIDE SERIES
       ..RADIUM
       ..#RADIUM ISOTOPES
       ....RADIUM 226

RADIUM 226
  1703 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..RADIUM
       ...RADIUM ISOTOPES
       ...#RADIUM 226
       .NUCLIDES
       ..ISOTOPES
       ...RADIUM ISOTOPES
       ...#RADIUM 226
       METALS
       .ACTINIDE SERIES
       ..RADIUM
       ...RADIUM ISOTOPES
       ...#RADIUM 226

RADIUS
  USE  RADII

RADOME MATERIALS
  0705 0901 0903 0905
  GS   DIELECTRICS
       #RADOME MATERIALS
  RT   ELECTROMAGNETIC WAVE TRANSMISSION
     % MATERIALS
       RADAR TRANSMISSION
       RADIO TRANSMISSION
       RADOMES
       TRANSPARENCE

RADOMES
  0705 0901 0905
  GS   HOUSINGS
       #RADOMES
       SHELLS (STRUCTURAL FORMS)
       .DOMES (STRUCTURAL FORMS)
       .#RADOMES
  RT   INFLATABLE STRUCTURES
       PROTUBERANCES
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      RADANT
      RADAR ANTENNAS
      RADAR EQUIPMENT
      RADOME MATERIALS

RADON
  0603 1807
  GS  CHEMICAL ELEMENTS
      .RARE GASES
      .#RADON
      ...RADON ISOTOPES
      GASES
      .RARE GASES
      .#RADON
      ...RADON ISOTOPES

RADON ISOTOPES
  0603 1807 2406
  UF  THORON
  GS  CHEMICAL ELEMENTS
      .NUCLIDES
      ..ISOTOPES
      ..#RADON ISOTOPES
      .RARE GASES
      ..RADON
      ..#RADON ISOTOPES
      GASES
      .RARE GASES
      ..RADON
      ..#RADON ISOTOPES

RADUGA SATELLITE
  3107
  GS  ARTIFICIAL SATELLITES
      .COMMUNICATION SATELLITES
      .#RADUGA SATELLITE
      .SOVIET SATELLITES
      .#RADUGA SATELLITE

RAE B
  USE  EXPLORER 49 SATELLITE

RAE 1
  USE  EXPLORER 49 SATELLITE

RAE 2
  USE  EXPLORER 49 SATELLITE

RAE-1
  USE  EXPLORER 38 SATELLITE

RAFTS
  0203 3202
  GS  #RAFTS
      .LIFE RAFTS
  RT  FLOATS
      LIFEBOATS
      SURVIVAL EQUIPMENT

RAIL TRANSPORTATION
  3404
  UF  RAILROADS
  GS  TRANSPORTATION
      #RAIL TRANSPORTATION
  RT  AUTOMATED GUIDEWAY TRANSIT VEHICLES
      AUTOMATED TRANSIT VEHICLES
      LOCOMOTIVES
      MAGNETIC LEVITATION VEHICLES
      MARINE TRANSPORTATION
      RAILS
      RAPID TRANSIT SYSTEMS
      SURFACE VEHICLES
      URBAN TRANSPORTATION

RAILGUN ACCELERATORS
  2401
  RT % ACCELERATORS
       HYPERVELOCITY GUNS
       HYPERVELOCITY LAUNCHERS
       MASS DRIVERS
       NUCLEAR FUSION
       PARTICLE ACCELERATORS
       SPACECRAFT LAUNCHING

RAILROAD HUMPING TESTS
  1502
  RT  CARGO
      IMPACT ACCELERATION
      MATERIALS HANDLING
      SHOCK TESTS
    % TESTS

RAILROADS
  USE  RAIL TRANSPORTATION

RAILS
  3202 3404
  RT  RAIL TRANSPORTATION
      RAPID TRANSIT SYSTEMS
      SURFACE VEHICLES

RAIN
  2001 2003
  GS  PRECIPITATION (METEOROLOGY)
      #RAIN
      ..ACID RAIN
  RT  AQUIFERS
      CLOUD SEEDING
      CONDENSATION NUCLEI
      FLOOD PREDICTIONS
      HYDROLOGY
      HYDROLOGY MODELS
      LIMNOLOGY
      RAINBOWS
      RAINDROPS
      RAINSTORMS
    % SHOWERS
      THUNDERSTORMS
      WATERSHEDS

RAIN EROSION
  1306
  GS  EROSION
      #RAIN EROSION
  RT  LANDSLIDES
      MUD
      SANDS
      SOIL EROSION

RAIN FORESTS
  0409 1305
  GS  RESOURCES
      .EARTH RESOURCES
      ..FORESTS
      ..#RAIN FORESTS
  RT  CANOPIES (VEGETATION)
      GEOBOTANY
      PLANTS (BOTANY)
    % SHOWERS
      TROPICAL REGIONS
      VEGETATION

RAIN GAGES
  1406 2002 2003
  UF  PLUVIOGRAPHS
  GS  MEASURING INSTRUMENTS
      .METEOROLOGICAL INSTRUMENTS
      .#RAIN GAGES

RAIN IMPACT DAMAGE
  2001 2003 3201
  GS  DAMAGE
      .IMPACT DAMAGE
      .#RAIN IMPACT DAMAGE
  RT  ARROYOS
      EROSION
      SOIL EROSION
      WATER EROSION

RAINBOWS
  1301 2001 2003 2902
  GS  DISTRIBUTION (PROPERTY)
      .RADIATION DISTRIBUTION
      ..DIFFRACTION PATTERNS
      ..#RAINBOWS
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RT HALOS
LIGHT TRANSMISSION
RAIN

RAINDROPS
2003
GS PARTICLES
.DROPS (LIQUIDS)
.#RAINDROPS
RT DROP SIZE
FALLING SPHERES
RAIN
RAINMAKING

RAINMAKING
1301 1302 2001 2003 2311
GS WEATHER MODIFICATION
#RAINMAKING
RT CLIMATOLOGY
CLOUD SEEDING
PRECIPITATION (METEOROLOGY)
RAINDROPS
WATER RESOURCES

RAINSTORMS
1301 2001 2003
GS STORMS
.STORMS (METEOROLOGY)
.#RAINSTORMS
...THUNDERSTORMS
RT ACID RAIN
FLOOD CONTROL
FLOOD PREDICTIONS
HAILSTORMS
PRECIPITATION (METEOROLOGY)
RAIN
% SHOWERS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
TORNADOES

% RAKES
0101 0104 1202 2304
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT PRESSURE SENSORS
SLOPES

% RAM
1504
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ANTIRADAR COATINGS
RAMS (PRESSES)
RAMS (PUMPS)

RAM B LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
#RAM B LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
.#RAM B LAUNCH VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE

RAM PROJECT
USE RADIO ATTENUATION MEASUREMENT PROJECT

RAMAN EFFECT
USE RAMAN SPECTRA

RAMAN LASERS
1601
GS STIMULATED EMISSION DEVICES
.LASERS
.#RAMAN LASERS

RAMAN SCATTERING
USE RAMAN SPECTRA

RAMAN SPECTRA
1413 2306 2310 2404 3009
UF RAMAN EFFECT
RAMAN SCATTERING
GS SCATTERING
.WAVE SCATTERING
..ELECTROMAGNETIC SCATTERING
..#RAMAN SPECTRA
SPECTRA
.MOLECULAR SPECTRA
.#RAMAN SPECTRA
.RADIATION SPECTRA
..ELECTROMAGNETIC SPECTRA
..#RAMAN SPECTRA
RT ABSORPTION SPECTRA
EMISSION SPECTRA
LIGHT (VISIBLE RADIATION)
LINE SPECTRA
MOLECULAR ROTATION
NONLINEAR OPTICS
VIBRATIONAL SPECTRA

RAMAN SPECTROSCOPY
1404 1413 2306 2404 3009
UF COHERENT ANTI-STOKES RAMAN SPECTROSCOPY
GS SPECTROSCOPY
.MOLECULAR SPECTROSCOPY
.#RAMAN SPECTROSCOPY
RT ASTRONOMICAL SPECTROSCOPY
INFRARED SPECTROSCOPY
LINE SPECTRA
OPTOGALVANIC SPECTROSCOPY
RAYLEIGH SCATTERING
SPECTROSCOPIC ANALYSIS

RAMJET ENGINES
2805
UF ATHODYDS
GS ENGINES
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
...#RAMJET ENGINES
.....INTEGRAL ROCKET RAMJETS
.....LOW VOLUME RAMJET ENGINES
.....PULSEJET ENGINES
.....SUPERSONIC COMBUSTION RAMJET ENGINES
.....TURBORAMJET ENGINES
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
...#RAMJET ENGINES
.....INTEGRAL ROCKET RAMJETS
.....LOW VOLUME RAMJET ENGINES
.....PULSEJET ENGINES
.....SUPERSONIC COMBUSTION RAMJET ENGINES
.....TURBORAMJET ENGINES
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
...#RAMJET ENGINES
.....LOW VOLUME RAMJET ENGINES
.....PULSEJET ENGINES
.....SUPERSONIC COMBUSTION RAMJET ENGINES
.....TURBORAMJET ENGINES
RT DUMP COMBUSTORS
HYDROGEN FUELS
METEOR 1 ROCKET VEHICLE
NAVAHO MISSILE
SUPERSONIC LOW ALTITUDE MISSILE
TURBOJET ENGINES

RAMJET MISSILES
2805 3101
GS MISSILES
#RAMJET MISSILES

..NAVAHO MISSILE
..SUPERSONIC LOW ALTITUDE MISSILE
RT AIR TO AIR MISSILES
ANTIAIRCRAFT MISSILES
SUPERSONIC COMBUSTION RAMJET ENGINES
SURFACE TO AIR MISSILES
SURFACE TO SURFACE MISSILES

RAMP FUNCTIONS
1902
GS FUNCTIONS (MATHEMATICS)
#RAMP FUNCTIONS
RT DYNAMIC RESPONSE
% FREQUENCY RESPONSE
% RAMPS
REACTION TIME
SLOPES
STEP FUNCTIONS

% RAMPS
0101 0102 0202
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT RAMP FUNCTIONS
RAMPS (STRUCTURES)

RAMPS (STRUCTURES)
3404
RT BRIDGES (STRUCTURES)
CROSSINGS
HIGHWAYS
INTAKE SYSTEMS
INTERSECTIONS
% PARKING
% RAMPS
SLOPES
WHEELCHAIRS

RAMS (PRESSES)
1504
GS PRESSES
#RAMS (PRESSES)
RT HAMMERS
PLATENS
PLUNGERS
% RAM

RAMS (PUMPS)
1504
GS PUMPS
#RAMS (PUMPS)
RT PLUNGERS
% RAM
WATER HAMMER

RAMSAUER EFFECT
2309 2401 2402
RT % EFFECTS
ELECTRON SCATTERING
% INTERFERENCE
NEGATIVE RESISTANCE DEVICES
RARE GASES
SCATTERING CROSS SECTIONS

RAND PROJECT
3404
GS PROGRAMS
.PROJECTS
.#RAND PROJECT
RT OPERATIONS RESEARCH

RANDOM ACCESS
1905
RT ALOHA SYSTEM
COMPUTER STORAGE DEVICES
INPUT/OUTPUT ROUTINES
RANDOM ACCESS MEMORY
RANDOM PROCESSES
VSAT (NETWORK)

RANDOM ACCESS MEMORY
0801
GS COMPUTER STORAGE DEVICES
#RANDOM ACCESS MEMORY
..CORE STORAGE
RT RANDOM ACCESS

RANDOM DISTRIBUTIONS
USE STATISTICAL DISTRIBUTIONS

RANDOM ERRORS
1902 1905
GS ERRORS
#RANDOM ERRORS
RT BCH CODES
% DISPERSION
PROBABILITY THEORY
QUALITY CONTROL
SAMPLING
STOCHASTIC PROCESSES

RANDOM LOADS
0101 1905 3110
GS LOADS (FORCES)
#RANDOM LOADS
..GUST LOADS
RT CONTACT LOADS
DYNAMIC LOADS
IMPACT LOADS
STATIC LOADS
STRUCTURAL DESIGN CRITERIA
TRANSIENT LOADS
VARIABLE AMPLITUDE LOADING

RANDOM NOISE
1905 2301
UF GAUSSIAN NOISE
GS #RANDOM NOISE
.RANDOM SIGNALS
RT BACKGROUND NOISE
CHANNEL NOISE
COMMUNICATION THEORY
ELECTROMAGNETIC NOISE
% NOISE
NOISE (SOUND)
NOISE GENERATORS
NOISE SPECTRA
PROBABILITY THEORY
PSEUDONOISE
SIGNAL TO NOISE RATIOS
STOCHASTIC PROCESSES
WHITE NOISE

RANDOM NUMBERS
1902 1905
RT MATHEMATICAL TABLES
% NUMBERS
PSEUDORANDOM SEQUENCES

RANDOM PROCESSES
1905 3407
GS STOCHASTIC PROCESSES
#RANDOM PROCESSES
..RANDOM WALK
RT COMMUNICATION THEORY
INFORMATION THEORY
INTERMITTENCY
MARKOV PROCESSES
MONTE CARLO METHOD
RANDOM ACCESS
STATISTICAL ANALYSIS

RANDOM SAMPLING
1902 1905
GS SAMPLING
#RANDOM SAMPLING
RT QUALITY CONTROL

RANDOM SIGNALS
0704 1905 2301
GS RANDOM NOISE
#RANDOM SIGNALS
RT NOISE SPECTRA

SIGNAL TO NOISE RATIOS
% SIGNALS
STOCHASTIC PROCESSES

RANDOM VARIABLES
1902 1905
RT FUNCTIONS (MATHEMATICS)
SHANNON-WIENER MEASURE
% STATISTICS
% VARIABLE

RANDOM VIBRATION
0710 1905 2309
GS VIBRATION
#RANDOM VIBRATION
RT BENDING VIBRATION
FLUTTER
FORCED VIBRATION
LATTICE VIBRATIONS
LINEAR VIBRATION
MISSILE VIBRATION
NOISE (SOUND)
SELF INDUCED VIBRATION
STRUCTURAL VIBRATION
TORSIONAL VIBRATION

RANDOM WALK
1902 1905
GS STOCHASTIC PROCESSES
.RANDOM PROCESSES
.#RANDOM WALK
RT MARKOV CHAINS
MONTE CARLO METHOD

% RANGE
0201 1902 1904 2311 3006 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT DISTANCE
ORBITAL POSITION ESTIMATION
RANGE (EXTREMES)
RANGES (FACILITIES)

RANGE (EXTREMES)
1902
UF EXTREMA
GUMBEL THEORY
GS #RANGE (EXTREMES)
.DYNAMIC RANGE
.FREQUENCY RANGES
..OCTAVES
..RADIO RANGE
..SUBAUDIBLE FREQUENCIES
.PROPORTIONAL LIMIT
.ROCHE LIMIT
RT CONFIDENCE LIMITS
CONSTRAINTS
DISTANCE
DOMAINS
DYNAMIC CHARACTERISTICS
ERRORS
FUNCTIONS (MATHEMATICS)
HETEROGENEITY
HORIZON
INTEGRAL EQUATIONS
% LIMITS
MAXIMA
MEAN
MINIMA
OPTIMIZATION
QUALITY CONTROL
% RANGE
SENSITIVITY
STANDARD DEVIATION
STATISTICAL TESTS
TOLERANCES (MECHANICS)
TOLERANCES (PHYSIOLOGY)
% TRAVEL
VARIABILITY
VARIANCE (STATISTICS)

RANGE AND RANGE RATE TRACKING
0705 0709 1109 2102 3110
GS DISTANCE
#RANGE AND RANGE RATE TRACKING
RADAR
#RANGE AND RANGE RATE TRACKING
TRACKING (POSITION)
#RANGE AND RANGE RATE TRACKING
RT GLOBAL TRACKING NETWORK
MISSILE TRACKING
NORTH AMERICAN SEARCH AND RANGING
RADAR
OPTICAL TRACKING
RADAR TRACKING
RADIO TRACKING
SATELLITE TRACKING
STDN (NETWORK)

RANGE CONTROL
USE TRAJECTORY CONTROL

RANGE ERRORS
0705 0709 1904 2402
SN (EXCLUDES ERRORS IN DISTANCE TRAVELED--LIMITED TO ERRORS IN DISTANCE MEASUREMENT)
GS ERRORS
#RANGE ERRORS
RT ACCURACY
BORESIGHT ERROR
DISTANCE MEASURING EQUIPMENT
ERROR ANALYSIS
ERROR SIGNALS

RANGE FINDERS
0705 1109 1406 3501
UF RANGE INDICATORS
GS MEASURING INSTRUMENTS
.DISTANCE MEASURING EQUIPMENT
.#RANGE FINDERS
...OPTICAL RANGE FINDERS
....LASER RANGE FINDERS
RT ALTIMETERS
FIRE CONTROL
GEODIMETERS
LASER RANGER/TRACKER
LUNAR RANGEFINDING
NAVIGATION AIDS
POSITION INDICATORS
RADAR EQUIPMENT
RANGEFINDING
SOUND LOCALIZATION
SPACE PERCEPTION
STADIMETERS
TELLUROMETERS

RANGE INDICATORS
USE RANGE FINDERS

RANGE MEASUREMENT
USE RANGEFINDING

RANGE RESOURCES
1306 3402
GS RESOURCES
.EARTH RESOURCES
.#RANGE RESOURCES

RANGE SAFETY
1108 3110
GS SAFETY
#RANGE SAFETY
RT AEROSPACE SAFETY
IMPACT PREDICTION
MISSILE RANGES
TEST RANGES
TRAJECTORY CONTROL

RANGEFINDING
0705 1109 1304
UF RANGE MEASUREMENT
RANGING
GS #RANGEFINDING

```
        .AIRBORNE RANGE AND ORBIT
         DETERMINATION
        .LUNAR RANGEFINDING
        .SOUND RANGING
  RT    BALLISTIC CAMERAS
        LASER RANGER/TRACKER
        MAROTS (ESA)
      % MEASUREMENT
        RADAR MEASUREMENT
        RADAR TRACKING
        RADIO TRACKING
        RANGE FINDERS
        TRACKING (POSITION)

RANGELANDS
  1303 1305 1306 1308
  GS    LAND
        #RANGELANDS
  RT    CATTLE
        GRASSLANDS
        GRAZING
        LIVESTOCK
        RURAL AREAS
        RURAL LAND USE

RANGEMASTER AIRCRAFT
  USE   G-1 AIRCRAFT

RANGER BLOCK 3 TELEVISION SYSTEM
  3004 3108
  GS    COMMUNICATION EQUIPMENT
        .SPACECRAFT TELEVISION
        .#RANGER BLOCK 3 TELEVISION SYSTEM
        TELECOMMUNICATION
        .SPACECRAFT TELEVISION
        .#RANGER BLOCK 3 TELEVISION SYSTEM
        TELEVISION SYSTEMS
        .SPACECRAFT TELEVISION
        .#RANGER BLOCK 3 TELEVISION SYSTEM
  RT  % SYSTEMS

RANGER LUNAR LANDING VEHICLES
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..RANGER LUNAR PROBES
        ..#RANGER LUNAR LANDING VEHICLES
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...RANGER LUNAR PROBES
        ...#RANGER LUNAR LANDING VEHICLES
  RT    BE-3 ENGINE
      % VEHICLES

RANGER LUNAR PROBES
  3004 3108
  UF    RANGER SATELLITES
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        .#RANGER LUNAR PROBES
        ...RANGER LUNAR LANDING VEHICLES
        ...RANGER 1 LUNAR PROBE
        ...RANGER 2 LUNAR PROBE
        ...RANGER 3 LUNAR PROBE
        ...RANGER 4 LUNAR PROBE
        ...RANGER 5 LUNAR PROBE
        ...RANGER 6 LUNAR PROBE
        ...RANGER 7 LUNAR PROBE
        ...RANGER 8 LUNAR PROBE
        ...RANGER 9 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ..#RANGER LUNAR PROBES
        ....RANGER LUNAR LANDING VEHICLES
        ....RANGER 1 LUNAR PROBE
        ....RANGER 2 LUNAR PROBE
        ....RANGER 3 LUNAR PROBE
        ....RANGER 4 LUNAR PROBE
        ....RANGER 5 LUNAR PROBE
        ....RANGER 6 LUNAR PROBE
        ....RANGER 7 LUNAR PROBE
        ....RANGER 8 LUNAR PROBE
        ....RANGER 9 LUNAR PROBE
  RT    ATLAS AGENA B LAUNCH VEHICLE

RANGER PROJECT
  3004 3108 3409
  GS    PROGRAMS
        .NASA PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#RANGER PROJECT
        ....AGENA B RANGER PROGRAM
        .PROJECTS
        .#RANGER PROJECT
        ...AGENA B RANGER PROGRAM
        .SPACE PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#RANGER PROJECT
        ....AGENA B RANGER PROGRAM
  RT    AGENA B ROCKET VEHICLE
        AGENA ROCKET VEHICLES
        ATLAS LAUNCH VEHICLES
        LUNAR PHOTOGRAPHS
        LUNAR PHOTOGRAPHY
        LUNAR PROBES

RANGER SATELLITES
  USE   RANGER LUNAR PROBES

RANGER 1 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..RANGER LUNAR PROBES
        ..#RANGER 1 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...RANGER LUNAR PROBES
        ...#RANGER 1 LUNAR PROBE

RANGER 2 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..RANGER LUNAR PROBES
        ..#RANGER 2 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...RANGER LUNAR PROBES
        ...#RANGER 2 LUNAR PROBE

RANGER 3 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..RANGER LUNAR PROBES
        ..#RANGER 3 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...RANGER LUNAR PROBES
        ...#RANGER 3 LUNAR PROBE

RANGER 4 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..RANGER LUNAR PROBES
        ..#RANGER 4 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...RANGER LUNAR PROBES
        ...#RANGER 4 LUNAR PROBE
  RT    ATLAS AGENA B LAUNCH VEHICLE

RANGER 5 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..RANGER LUNAR PROBES
```

```
      ..#RANGER 5 LUNAR PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..LUNAR PROBES
      ...RANGER LUNAR PROBES
      ...#RANGER 5 LUNAR PROBE

RANGER 6 LUNAR PROBE
  3004 3108
  GS  LUNAR SPACECRAFT
      .LUNAR PROBES
      ..RANGER LUNAR PROBES
      ..#RANGER 6 LUNAR PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..LUNAR PROBES
      ...RANGER LUNAR PROBES
      ...#RANGER 6 LUNAR PROBE

RANGER 7 LUNAR PROBE
  3004 3108
  GS  LUNAR SPACECRAFT
      .LUNAR PROBES
      ..RANGER LUNAR PROBES
      ..#RANGER 7 LUNAR PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..LUNAR PROBES
      ...RANGER LUNAR PROBES
      ...#RANGER 7 LUNAR PROBE

RANGER 8 LUNAR PROBE
  3004 3108
  GS  LUNAR SPACECRAFT
      .LUNAR PROBES
      ..RANGER LUNAR PROBES
      ..#RANGER 8 LUNAR PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..LUNAR PROBES
      ...RANGER LUNAR PROBES
      ...#RANGER 8 LUNAR PROBE

RANGER 9 LUNAR PROBE
  3004 3108
  GS  LUNAR SPACECRAFT
      .LUNAR PROBES
      ..RANGER LUNAR PROBES
      ..#RANGER 9 LUNAR PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..LUNAR PROBES
      ...RANGER LUNAR PROBES
      ...#RANGER 9 LUNAR PROBE

RANGES (FACILITIES)
  1108 3501
  GS  #RANGES (FACILITIES)
      .TEST RANGES
      ..BALLISTIC RANGES
      ..MISSILE RANGES
  RT  RADIO BEACONS
    % RANGE

RANGING
  USE RANGEFINDING

RANK TESTS
  1902 1905
  GS  STATISTICAL ANALYSIS
      .STATISTICAL TESTS
      .#RANK TESTS
  RT % TESTS

RANKINE CYCLE
  3110 3304
  GS  CYCLES
      .THERMODYNAMIC CYCLES
      .#RANKINE CYCLE
  RT  ASTEC SOLAR TURBOELECTRIC GENERATOR
      BRAYTON CYCLE
      CARNOT CYCLE
      LASER PROPULSION
      OTTO CYCLE
      SOLAR DYNAMIC POWER SYSTEMS
      SOLAR GENERATORS
      THERMODYNAMICS

RANKINE-HUGONIOT RELATION
  1202 3304
  RT  AEROTHERMODYNAMICS
    % DENSITY
      PRESSURE GRADIENTS
      SHOCK WAVE PROPAGATION

RANKING
  1905
  RT  ARRAYS
      COMPARISON
      EVALUATION
      RATINGS
      SELECTION
      SEQUENCING
      VALUE

RAOULT LAW
  1203 3304 3501
  RT  COMPOSITION (PROPERTY)
      HENRY LAW
      PARTIAL PRESSURE
      SOLUTIONS
      VAPOR PRESSURE

RAPCON (CONTROL)
  USE RADAR APPROACH CONTROL

RAPID BALLISTICS IDENTIFICATION
  1406 1407 1601 2310 3501
  GS  IDENTIFYING
      #RAPID BALLISTICS IDENTIFICATION
  RT  DISPLAY DEVICES
      IMAGING TECHNIQUES
      LASER APPLICATIONS
      LASERS
      MEASURING INSTRUMENTS
      PHOTOGRAPHY
      SCANNING
      STIMULATED EMISSION
      STIMULATED EMISSION DEVICES

RAPID EYE MOVEMENT STATE
  0408 0503
  UF  DESYNCHRONIZED SLEEP
      REMS
  RT  DREAMS
      EYE MOVEMENTS
      SLEEP

RAPID QUENCHING (METALLURGY)
  1701
  UF  RAPID SOLIDIFICATION
  RT  CRYSTAL GROWTH
      CRYSTAL LATTICES
      CRYSTAL STRUCTURE
    % METALLURGY
    % QUENCHING

RAPID SOLIDIFICATION
  USE RAPID QUENCHING (METALLURGY)
      SOLIDIFICATION

RAPID TRANSIT SYSTEMS
  0204
  UF  HIGH SPEED TRANSPORTATION
  GS  TRANSPORTATION
      #RAPID TRANSIT SYSTEMS
  RT  AIR TRANSPORTATION
      AUTOMATED GUIDEWAY TRANSIT VEHICLES
      AUTOMATED TRANSIT VEHICLES
      CARGO
      GROUND EFFECT MACHINES
      HIGHWAYS
      LOGISTICS
      PASSENGERS
      RAIL TRANSPORTATION
```

```
        RAILS
        ROADS
      % SYSTEMS
      % TRANSPORT VEHICLES
        TRANSPORTATION NETWORKS
        URBAN TRANSPORTATION

RAPIDS
  1204 1305 1306
  RT    MEANDERS
        RIVER BASINS
        RIVERS
        STREAMS
        WATER CURRENTS
        WATER FLOW

RARE EARTH ALLOYS
  0603 1701
  GS    ALLOYS
        #RARE EARTH ALLOYS
        ..ERBIUM ALLOYS
        ..GADOLINIUM ALLOYS
        ..LANTHANUM ALLOYS
        ..NEODYMIUM ALLOYS
  RT    YTTRIUM ALLOYS

RARE EARTH COMPOUNDS
  0603
  GS   #RARE EARTH COMPOUNDS
        .CERIUM COMPOUNDS
        ..BASTNASITE
        ..CERIUM OXIDES
        .DYSPROSIUM COMPOUNDS
        .ERBIUM COMPOUNDS
        .EUROPIUM COMPOUNDS
        .LANTHANUM TELLURIDES
        .LUTETIUM COMPOUNDS
        .NEODYMIUM COMPOUNDS
        .PRASEODYMIUM COMPOUNDS
        .SAMARIUM COMPOUNDS
        .SCANDIUM COMPOUNDS
        ..SCANDIUM OXIDES
        .TERBIUM COMPOUNDS
        .THULIUM COMPOUNDS
        .YTTERBIUM COMPOUNDS
  RT  % CHEMICAL COMPOUNDS
      % GROUP 3B COMPOUNDS
      % METAL COMPOUNDS

RARE EARTH ELEMENTS
  0603 1703 1704
  UF    LANTHANIDE SERIES METALS
  GS    CHEMICAL ELEMENTS
        #RARE EARTH ELEMENTS
        ..CERIUM
        ...CERIUM ISOTOPES
        ....CERIUM 137
        ....CERIUM 144
        ..DYSPROSIUM
        ...DYSPROSIUM ISOTOPES
        ..ERBIUM
        ...ERBIUM ISOTOPES
        ..EUROPIUM
        ...EUROPIUM ISOTOPES
        ..GADOLINIUM
        ...GADOLINIUM ISOTOPES
        ..HOLMIUM
        ...HOLMIUM ISOTOPES
        ..LANTHANUM
        ...LANTHANUM ISOTOPES
        ..LUTETIUM
        ...LUTETIUM ISOTOPES
        ..NEODYMIUM
        ..NEODYMIUM ISOTOPES
        ..PRASEODYMIUM
        ...PRASEODYMIUM ISOTOPES
        ..PROMETHIUM
        ...PROMETHIUM ISOTOPES
        ..SAMARIUM
        ...SAMARIUM ISOTOPES
        ..SCANDIUM
        ...SCANDIUM ISOTOPES
        ..TERBIUM
        ...TERBIUM ISOTOPES
        ..THULIUM
        ...THULIUM ISOTOPES
        ..YTTERBIUM
        ...YTTERBIUM ISOTOPES
        ..YTTRIUM
        ...YTTRIUM ISOTOPES
        METALS
        #RARE EARTH ELEMENTS
        ..CERIUM
        ...CERIUM ISOTOPES
        ....CERIUM 137
        ....CERIUM 144
        ..DYSPROSIUM
        ...DYSPROSIUM ISOTOPES
        ..ERBIUM
        ...ERBIUM ISOTOPES
        ..EUROPIUM
        ...EUROPIUM ISOTOPES
        ..GADOLINIUM
        ...GADOLINIUM ISOTOPES
        ..HOLMIUM
        ...HOLMIUM ISOTOPES
        ..LANTHANUM
        ...LANTHANUM ISOTOPES
        ..LUTETIUM
        ...LUTETIUM ISOTOPES
        ..NEODYMIUM
        ..NEODYMIUM ISOTOPES
        ..PRASEODYMIUM
        ...PRASEODYMIUM ISOTOPES
        ..PROMETHIUM
        ...PROMETHIUM ISOTOPES
        ..SAMARIUM
        ...SAMARIUM ISOTOPES
        ..SCANDIUM
        ...SCANDIUM ISOTOPES
        ..TERBIUM
        ...TERBIUM ISOTOPES
        ..THULIUM
        ...THULIUM ISOTOPES
        ..YTTERBIUM
        ...YTTERBIUM ISOTOPES
        ..YTTRIUM
        ...YTTRIUM ISOTOPES
  RT    ALKALI VAPOR LAMPS
        KREEP
        NEODYMIUM LASERS
        TRANSITION METALS

% RARE GAS COMPOUNDS
  0603 1805
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT  % CHEMICAL COMPOUNDS
        EXCIMER LASERS
        EXCIMERS
        HELIUM COMPOUNDS
        XENON COMPOUNDS

RARE GAS-HALIDE LASERS
  1601
  GS    STIMULATED EMISSION DEVICES
        .LASERS
        .#RARE GAS-HALIDE LASERS
        ...KRYPTON FLUORIDE LASERS
        ...XENON CHLORIDE LASERS
        ...XENON FLUORIDE LASERS
  RT    COHERENT LIGHT
        GAS LASERS
        LASER PUMPING
        LASING
        LIGHT BEAMS
        OPTICAL PUMPING
        STIMULATED EMISSION

RARE GASES
  0603 1807
  UF    INERT GASES
        NOBLE GASES
  GS    CHEMICAL ELEMENTS
```

```
      #RARE GASES
      ..ARGON
      ...ARGON ISOTOPES
      ..HELIUM
      ...HELIUM ISOTOPES
      ...LIQUID HELIUM
      ....LIQUID HELIUM 2
      ..KRYPTON
      ...KRYPTON ISOTOPES
      ....KRYPTON 85
      ..NEON
      ...LIQUID NEON
      ...NEON ISOTOPES
      ..RADON
      ...RADON ISOTOPES
      ..XENON
      ...XENON ISOTOPES
      ....XENON 129
      ....XENON 133
      ....XENON 135
      GASES
      #RARE GASES
      ..ARGON
      ...ARGON ISOTOPES
      ..HELIUM
      ...HELIUM ISOTOPES
      ...LIQUID HELIUM
      ....LIQUID HELIUM 2
      ..KRYPTON
      ...KRYPTON ISOTOPES
      ....KRYPTON 85
      ..NEON
      ...LIQUID NEON
      ...NEON ISOTOPES
      ..RADON
      ...RADON ISOTOPES
      ..XENON
      ...XENON ISOTOPES
      ....XENON 129
      ....XENON 133
      ....XENON 135
  RT  MONATOMIC GASES
      NONPOLAR GASES
      RAMSAUER EFFECT

RAREFACTION
  0602 1203 1301 2404
  RT  ANTINODES
      COMPRESSING
      ELASTIC WAVES
      EXPANSION
      VACUUM

RAREFACTION WAVES
  USE ELASTIC WAVES

RAREFIED GAS DYNAMICS
  1203 2404 3304 3501
  GS  FLUID MECHANICS
      .FLUID DYNAMICS
      ..GAS DYNAMICS
      ..#RAREFIED GAS DYNAMICS
  RT  ATOMIC BEAMS
      BGK MODEL
      CHAPMAN-ENSKOG THEORY
      CONTINUUM FLOW
    % DYNAMICS
      FREE MOLECULAR FLOW
      KNUDSEN FLOW
      LOW DENSITY FLOW
      LOW DENSITY WIND TUNNELS
      MOLECULAR BEAMS
      MOLECULAR FLOW
      PLASMAS (PHYSICS)
      SLIP FLOW
      TRANSITION FLOW

RAREFIED GASES
  0603 1203 2404 3304 3501
  UF  LOW DENSITY GASES
  GS  GASES
      #RAREFIED GASES
      ..COSMIC GASES
      ...INTERPLANETARY GAS
      ...INTERSTELLAR GAS
  RT  ELECTRON GAS
      FREE MOLECULAR FLOW
      GAS DENSITY
      GAS TEMPERATURE
      HIGH TEMPERATURE GASES
      LOW DENSITY FLOW
      LOW DENSITY RESEARCH
      MOLECULAR GASES

RAREFIED PLASMAS
  2502
  GS  GASES
      #RAREFIED PLASMAS
      PARTICLES
      .CHARGED PARTICLES
      ..ENERGETIC PARTICLES
      ...PLASMAS (PHYSICS)
      ...#RAREFIED PLASMAS
  RT  CATHODE GLOW
      COLD PLASMAS
      COLLISIONLESS PLASMAS
      ELECTRON PLASMA
      NONUNIFORM PLASMAS

RASERS
  USE MASERS

RASTER SCANNING
  0705 0802 3407
  GS  IMAGING TECHNIQUES
      #RASTER SCANNING
      SCANNING
      #RASTER SCANNING
  RT  CATHODE RAY TUBES
      COMPUTER GRAPHICS
      DISPLAY DEVICES
      IMAGE PROCESSING
      IMAGES
      PICTURE TUBES
      TELEVISION CAMERAS

RATE METERS
  USE MEASURING INSTRUMENTS

RATE OF CLIMB INDICATORS
  1402
  GS  AIRCRAFT INSTRUMENTS
      #RATE OF CLIMB INDICATORS
  RT  ALTIMETERS
      FLIGHT INSTRUMENTS
    % INDICATORS

RATES (PER TIME)
  1202 2311 3402 3406
  GS  #RATES (PER TIME)
      .ACCELERATION (PHYSICS)
      ..ANGULAR ACCELERATION
      ..DECELERATION
      ...SPIN REDUCTION
      ..ELECTRON ACCELERATION
      ..HIGH ACCELERATION
      ..HIGH GRAVITY ENVIRONMENTS
      ..IMPACT ACCELERATION
      ..PARTICLE ACCELERATION
      ..PLASMA ACCELERATION
      ..TRANSVERSE ACCELERATION
      .ACOUSTIC VELOCITY
      .AIRSPEED
      .ANGULAR VELOCITY
      .BIT ERROR RATE
      .BURNING RATE
      .COLLISION PARAMETERS
      ..COLLISION RATES
      .CRITICAL VELOCITY
      .DECAY RATES
      ..ELECTRON DECAY RATE
      .DRIFT RATE
      .ESCAPE VELOCITY
      .EVAPORATION RATE
      .EXHAUST VELOCITY
```

.FLOW VELOCITY
..SOLAR WIND VELOCITY
.FLUX (RATE)
..HEAT FLUX
..MAGNETIC FLUX
..SOLAR FLUX
.FLUX DENSITY
..CURRENT DENSITY
..PHOTON DENSITY
..RADIANT FLUX DENSITY
...IRRADIANCE
....ILLUMINANCE
....SOLAR CONSTANT
...LUMENS
...LUMINOUS INTENSITY
....ILLUMINANCE
....LUMINANCE
...PARTICLE FLUX DENSITY
....ELECTRON FLUX DENSITY
....NEUTRON FLUX DENSITY
....PROTON FLUX DENSITY
...RADIANCE
...RADIANCY
...SOLAR FLUX DENSITY
....SOLAR CONSTANT
..SOUND INTENSITY
...ZERO SOUND
.GROUND SPEED
.GROUP VELOCITY
.HEART RATE
..ARRHYTHMIA
..BRADYCARDIA
..TACHYCARDIA
.HIGH SPEED
.HYPERSONIC SPEED
.ION PRODUCTION RATES
.LANDING SPEED
.LIGHT SPEED
.LOADING RATE
.LOW SPEED
.MASS FLOW RATE
.ORBITAL VELOCITY
.PHASE VELOCITY
.PHYSIOLOGICAL ACCELERATION
.PROPAGATION VELOCITY
.PULSE RATE
..PULSE REPETITION RATE
.RADIAL VELOCITY
.RECOMBINATION COEFFICIENT
.RELATIVISTIC VELOCITY
.RESPIRATORY RATE
..DYSPNEA
..HYPOVENTILATION
..TACHYPNEA
.ROTOR SPEED
.SIGNAL FADING RATE
.SOLAR VELOCITY
.STRAIN ENERGY RELEASE RATE
.STRAIN RATE
.SUBSONIC SPEED
.SUPERSONIC SPEED
.SYSTOLE
.TERMINAL VELOCITY
.TIP SPEED
.TRANSMISSION RATE (COMMUNICATIONS)
.TRANSONIC SPEED
.WIND VELOCITY
..SOLAR WIND VELOCITY
RT ACCESS TIME
MTBF
SOLITARY WAVES
TIME FUNCTIONS
TIME MEASUREMENT
VOLUME

RATINGS
1905 3401 3402 3404
RT ASSESSMENTS
CONSISTENCY
EVALUATION
NORMALIZING (STATISTICS)
% PERFORMANCE
POSITION (TITLE)
RANKING

RATIOMETERS
1406
GS MEASURING INSTRUMENTS
#RATIOMETERS

RATIONAL FUNCTIONS
1902
GS ANALYSIS (MATHEMATICS)
.COMPLEX VARIABLES
..MEROMORPHIC FUNCTIONS
..#RATIONAL FUNCTIONS
FUNCTIONS (MATHEMATICS)
.MEROMORPHIC FUNCTIONS
.#RATIONAL FUNCTIONS

RATIONS
0505
GS #RATIONS
.SPACE RATIONS
RT % FOOD

RATIOS
1902
UF PERCENTAGE
GS #RATIOS
.ASPECT RATIO
..HIGH ASPECT RATIO
..LOW ASPECT RATIO
.COMPRESSION RATIO
.DIMENSIONLESS NUMBERS
..BIOT NUMBER
..FROUDE NUMBER
..GRASHOF NUMBER
..HARTMANN NUMBER
..LAVAL NUMBER
..LEWIS NUMBERS
..MACH NUMBER
..MIXING RATIOS
..NUSSELT NUMBER
..PECLET NUMBER
..PRANDTL NUMBER
..RAYLEIGH NUMBER
..REYNOLDS NUMBER
...HIGH REYNOLDS NUMBER
...LOW REYNOLDS NUMBER
..RICHARDSON NUMBER
..SCHMIDT NUMBER
..SIMILARITY NUMBERS
..STANTON NUMBER
..STROUHAL NUMBER
.FIBER VOLUME FRACTION
.FINENESS RATIO
.FUEL-AIR RATIO
.INDEXES (RATIOS)
..KP INDEX
..LEAF AREA INDEX
..MORPHOLOGICAL INDEXES
.LIFT DRAG RATIO
.MASS RATIOS
..MASS TO LIGHT RATIOS
..MIXING RATIOS
..PAYLOAD MASS RATIO
..PROPELLANT MASS RATIO
.MILLS RATIO
.MODULAR RATIOS
.PERVEANCE
.POISSON RATIO
.PRESSURE RATIO
.SCALE (RATIO)
.SIGNAL TO NOISE RATIOS
.STANDING WAVE RATIOS
.STRESS RATIO
.THICKNESS RATIO
.THRUST-WEIGHT RATIO
.VOID RATIO
RT DYNAMIC RANGE
EFFICIENCY
FRACTALS
FRACTIONS
PROPORTION

PSYCHOLOGICAL TESTS
REFRACTIVITY
TEMPERATURE RATIO

RATS
0402
GS ANIMALS
.VERTEBRATES
..MAMMALS
...RODENTS
...#RATS
RT MICE
POCKET MICE

RATSCAT PROGRAM
USE RADAR TARGET SCATTER SITE PROGRAM

RAVEN HELICOPTER
USE OH-23 HELICOPTER

RAVINES
1306
GS LANDFORMS
#RAVINES
RT CANYONS
EROSION
RIVER BASINS
TOPOGRAPHY
VALLEYS
WATER EROSION

RAWINSONDES
0705 1408 2001 2003
GS MEASURING INSTRUMENTS
.METEOROLOGICAL INSTRUMENTS
..RADIOSONDES
..#RAWINSONDES
.SONDES
..RADIOSONDES
..#RAWINSONDES
RADIO EQUIPMENT
.RADIO TRANSMITTERS
..RADIOSONDES
..#RAWINSONDES
TRANSMITTERS
.RADIO TRANSMITTERS
..RADIOSONDES
..#RAWINSONDES
RT DROPSONDES
METEOROLOGICAL BALLOONS
RADAR TRACKING
RADIO TRACKING
WIND MEASUREMENT

RAY ACOUSTICS
USE GEOMETRICAL ACOUSTICS

RAY OPTICS
USE GEOMETRICAL OPTICS

RAY TRACING
0710 2309 2402 2901 2902 2903
RT DIFFRACTION
GEOMETRICAL OPTICS
GEOMETRICAL THEORY OF DIFFRACTION
GRADIENT INDEX OPTICS
GRAZING INCIDENCE
OPTICAL MEASUREMENT
REFLECTANCE
TRACKING (POSITION)
TRANSMITTANCE

RAYLEIGH DISTRIBUTION
1902 1905 2310
GS FUNCTIONS (MATHEMATICS)
.PROBABILITY DENSITY FUNCTIONS
.#RAYLEIGH DISTRIBUTION
STATISTICAL ANALYSIS
.PROBABILITY DENSITY FUNCTIONS
.#RAYLEIGH DISTRIBUTION
STATISTICAL DISTRIBUTIONS
#RAYLEIGH DISTRIBUTION
RT ERROR ANALYSIS
OPERATIONS RESEARCH
RADIAL DISTRIBUTION

RAYLEIGH EQUATIONS
1902 1905 2306 2310 2402 3501
RT % EQUATIONS
FLOW EQUATIONS
HEAT TRANSFER
THERMODYNAMICS

RAYLEIGH NUMBER
0710 1202 3304
GS RATIOS
.DIMENSIONLESS NUMBERS
.#RAYLEIGH NUMBER
RT BENARD CELLS
BUOYANCY
RAYLEIGH-BENARD CONVECTION

RAYLEIGH SCATTERING
2306 2309 2402
GS SCATTERING
.WAVE SCATTERING
..ELECTROMAGNETIC SCATTERING
...MIE SCATTERING
...#RAYLEIGH SCATTERING
RT AIRGLOW
GRAY GAS
LIGHT SCATTERING
RAMAN SPECTROSCOPY
SKY

RAYLEIGH WAVES
0710 1202
GS ELASTIC WAVES
.SEISMIC WAVES
.#RAYLEIGH WAVES
RT BAROTROPIC FLOW
FLUID FLOW
S WAVES
TWO DIMENSIONAL FLOW

RAYLEIGH-BENARD CONVECTION
1202
GS CONVECTION
.FREE CONVECTION
.#RAYLEIGH-BENARD CONVECTION
...BENARD CELLS
FLUID FLOW
.CONVECTIVE FLOW
.#RAYLEIGH-BENARD CONVECTION
...BENARD CELLS
RT CONVECTION CURRENTS
CONVECTION-DIFFUSION EQUATION
CONVECTIVE HEAT TRANSFER
FORCED CONVECTION
HOT SURFACES
LAMINAR FLOW
RAYLEIGH NUMBER
SOLAR CONVECTION (ASTRONOMY)
STELLAR CONVECTION
THERMAL BOUNDARY LAYER

RAYLEIGH-RITZ METHOD
1902 3501
GS ANALYSIS (MATHEMATICS)
.NUMERICAL ANALYSIS
..APPROXIMATION
..#RAYLEIGH-RITZ METHOD
RT % METHODOLOGY
VARIATIONAL PRINCIPLES

RAYON
1808 1810 1811
GS FIBERS
.SYNTHETIC FIBERS
.#RAYON
TEXTILES
#RAYON

% RAYS
0701 1601 1902 2102 2306 2403 2502

SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ATMOSPHERIC RADIATION
BACKGROUND NOISE
BEAMS (RADIATION)
CAUSTICS (OPTICS)
COHERENT RADIATION
CONTINUOUS RADIATION
CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
EXTRATERRESTRIAL RADIATION
GAMMA RAYS
LUNAR RAYS
POLARIZED RADIATION
PULSED RADIATION

RAYTHEON COMPUTERS
0802 0803
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#RAYTHEON COMPUTERS

RAZOR BLADES
1504
GS CUTTERS
.BLADES (CUTTERS)
.#RAZOR BLADES

RB-47 AIRCRAFT
USE B-47 AIRCRAFT

RB-50 AIRCRAFT
0207 3401
UF SUPER FORTRESS AIRCRAFT
GS BOEING AIRCRAFT
#RB-50 AIRCRAFT
MONOPLANES
#RB-50 AIRCRAFT
OBSERVATION AIRCRAFT
#RB-50 AIRCRAFT
RECONNAISSANCE AIRCRAFT
#RB-50 AIRCRAFT
RT % AIRCRAFT
BOMBER AIRCRAFT
WEATHER RECONNAISSANCE AIRCRAFT

RB-57 AIRCRAFT
USE B-57 AIRCRAFT

RB-66 AIRCRAFT
USE B-66 AIRCRAFT

RBE
USE RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)

RC CIRCUITS
0902 1001 1002
UF RC NETWORKS
GS CIRCUITS
#RC CIRCUITS
RT CAPACITANCE
COUPLING CIRCUITS
DISCRIMINATORS
ELECTRIC FILTERS
ELECTRICAL RESISTANCE
LC CIRCUITS
NETWORK ANALYSIS
NETWORK SYNTHESIS
RLC CIRCUITS
TIME CONSTANT
TRANSCONDUCTANCE

RC NETWORKS
USE RC CIRCUITS

RCA COMPUTERS
0801 0802 0905
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
.#RCA COMPUTERS
...RCA SPECTRA 70 COMPUTER
...RCA-110 COMPUTERS
RT DATA PROCESSING

RCA SATCOM SATELLITES
3107 0706 3107
GS ARTIFICIAL SATELLITES
.COMMUNICATION SATELLITES
.#RCA SATCOM SATELLITES
COMMERCIAL SPACECRAFT
#RCA SATCOM SATELLITES
RT DELTA LAUNCH VEHICLE
DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS

RCA SPECTRA 70 COMPUTER
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#RCA SPECTRA 70 COMPUTER
..RCA COMPUTERS
..#RCA SPECTRA 70 COMPUTER

RCA-110 COMPUTERS
1801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..RCA COMPUTERS
..#RCA-110 COMPUTERS

RCB STARS
USE R CORONAE BOREALIS STARS

RDX
1808 3302
UF CYCLOTRIMETHYLENE TRINITRAMINE
TRINITROTRIAZOCYCLOHEXANE
GS EXPLOSIVES
#RDX
NITROGEN COMPOUNDS
.AZO COMPOUNDS
.#RDX
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#RDX
PROPELLANTS
#RDX
RT PYROTECHNICS
SOLID PROPELLANTS
SOLID ROCKET PROPELLANTS

REACTANCE
0902 1001 1002
GS ELECTRICAL PROPERTIES
.ELECTRICAL IMPEDANCE
.#REACTANCE
IMPEDANCE
.ELECTRICAL IMPEDANCE
.#REACTANCE
RT CAPACITANCE
ELECTRICAL RESISTANCE
FOSTER THEORY
INDUCTANCE
SMITH CHART
TRANSCONDUCTANCE

REACTANCE AMPLIFIERS
USE PARAMETRIC AMPLIFIERS

REACTING FLOW
0602 1202 3301
UF CHEMICALLY REACTING FLOW
GS FLUID FLOW
#REACTING FLOW
..COMBUSTIBLE FLOW
RT BOUNDARY LAYER COMBUSTION
CHEMICAL REACTIONS
COMBUSTION CHEMISTRY
DETONABLE GAS MIXTURES
FLAME PROPAGATION

% FLOW
FUEL FLOW
PREMIXED FLAMES
PROPELLANT COMBUSTION
REACTION KINETICS
TURBULENT COMBUSTION
TURBULENT FLOW

% REACTION
0408 0506 0603 2405 3407
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CHEMICAL REACTIONS
HUMAN REACTIONS
IRRITATION
NUCLEAR REACTIONS
THRUST

REACTION BONDING
0603
GS BONDING
#REACTION BONDING
RT ALUMINUM
CERAMICS
CHEMICAL REACTIONS
MELTING POINTS
NITROGEN
OXYGEN
POWDER METALLURGY
SIALON
SILICON
SILICON NITRIDES
SINTERING

% REACTION CONTROL
0603 2202 2807 2808
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CHEMICAL REACTION CONTROL
COMBUSTION CONTROL
% CONTROL
DIRECTIONAL CONTROL
MARQUARDT R4D ENGINE
NUCLEAR REACTOR CONTROL
REACTOR SAFETY
THRUST CONTROL

REACTION JET BACKPACKS
USE SELF MANEUVERING UNITS

REACTION JETS
USE JET FLOW
JET THRUST

REACTION KINETICS
0603 2405
UF CHEMICAL KINETICS
REACTION RATE
GS KINETICS
#REACTION KINETICS
RT AMINO RADICAL
ASSOCIATION REACTIONS
AUTOCATALYSIS
CATALYSIS
CHEMICAL EQUILIBRIUM
CHEMICAL REACTIONS
COMBUSTION CHEMISTRY
DAMKOHLER NUMBER
FISCHER-TROPSCH PROCESS
HALF LIFE
HEAT OF DISSOCIATION
INTERSTELLAR CHEMISTRY
IRREVERSIBLE PROCESSES
NITROUS ACID
NUCLEAR REACTIONS
PRESSURE DEPENDENCE
REACTING FLOW
REAGENTS
SOLVATION

REACTION PRODUCTS
0603
GS PRODUCTS
#REACTION PRODUCTS
RT ASHES
BY-PRODUCTS
COMBUSTION PRODUCTS
EFFLUENTS
ENGINES
EXHAUST GASES
FUMES
GASES
INFRARED SUPPRESSION
JET ENGINES
PRECIPITATES
RESIDUES
SLAGS
SLUDGE

REACTION RATE
USE REACTION KINETICS

REACTION TIME
0408 0502 0603
UF REVERSE TIME
GS TIME
#REACTION TIME
..CHRONAXY
RT ADAPTATION
CONDITIONED REFLEXES
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
HUMAN REACTIONS
PERCEPTUAL TIME CONSTANT
PHYSIOLOGICAL EFFECTS
PONTRYAGIN PRINCIPLE
PSYCHOLOGICAL EFFECTS
PSYCHOMOTOR PERFORMANCE
RAMP FUNCTIONS
REFLEXES
REFRACTORY PERIOD
SENSITIVITY
SENSORIMOTOR PERFORMANCE
STEP FUNCTIONS
TIME CONSTANT
TIME LAG

REACTION WHEELS
1504 2308
UF INERTIA WHEELS
GS WHEELS
#REACTION WHEELS
RT ATTITUDE CONTROL
COUNTER-ROTATING WHEELS
FLYWHEELS

REACTIVITY
2202 2204
RT CHEMICAL REACTIONS
INHOUR EQUATION
NUCLEAR REACTIONS

REACTOR CHEMISTRY
USE RADIOCHEMISTRY

REACTOR CORES
2203 2204 2405 2406
GS CORES
#REACTOR CORES
RT ANNULAR CORE PULSE REACTORS
CONTROL RODS
NUCLEAR FUEL ELEMENTS
NUCLEAR FUELS
NUCLEAR REACTORS
% OPERATORS
PLASMA CORE REACTORS
REFLECTOMETERS
REFLECTORS
VOID RATIO

REACTOR DESIGN
2202 2204 2405
RT ANNULAR CORE PULSE REACTORS

BLANKETS (FISSION REACTORS)
BLANKETS (FUSION REACTORS)
CHEMICAL REACTORS
COMPUTER AIDED DESIGN
% DESIGN
ENGINE DESIGN
ENGINEERING TEST REACTORS
HANFORD REACTORS
HIGH TEMPERATURE NUCLEAR REACTORS
LIMITERS (FUSION REACTORS)
NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST REACTORS
OFFSHORE REACTOR SITES
ORGANIC COOLED REACTORS
PEBBLE BED REACTORS
PRODUCT DEVELOPMENT

REACTOR FUELS
USE NUCLEAR FUELS

REACTOR IN FLIGHT TEST PROGRAM
USE RIFT (REACTOR IN FLIGHT TEST)

REACTOR MATERIALS
2203 2204 2405
RT ANNULAR CORE PULSE REACTORS
BLANKETS (FISSION REACTORS)
BLANKETS (FUSION REACTORS)
CHEMICAL REACTORS
% CONSTRUCTION MATERIALS
COOLANTS
LIMITERS (FUSION REACTORS)
LOSS OF COOLANT
% MATERIALS
MODERATORS
NUCLEAR FUEL ELEMENTS
NUCLEAR FUELS
NUCLEAR REACTORS
PRESSURE VESSELS
RADIATION SHIELDING
SPENT FUELS

REACTOR PHYSICS
2202 2203 2204 2405
GS NUCLEAR PHYSICS
#REACTOR PHYSICS
RT ANNULAR CORE PULSE REACTORS
BETA FACTOR
HANFORD REACTORS
INHOUR EQUATION
NUCLEAR FUEL BURNUP
NUCLEAR REACTORS
% PHYSICS
% SCIENCE

REACTOR SAFETY
2202 2203 2204 3404
GS SAFETY
#REACTOR SAFETY
RT ANNULAR CORE PULSE REACTORS
CHEMICAL REACTORS
CONTROL RODS
EXPLOSIONS
INDUSTRIAL SAFETY
NUCLEAR REACTOR CONTROL
NUCLEAR REACTORS
OFFSHORE REACTOR SITES
RADIATION HAZARDS
% REACTION CONTROL
RELIEF VALVES
TRANSIENT REACTOR TEST FACILITY

REACTOR STARTUP TESTS
2202 2203 2204 2205
GS FUEL TESTS
#REACTOR STARTUP TESTS
RT INITIATION
NUCLEAR FUELS
NUCLEAR REACTORS
STARTING
% TESTS

REACTOR TECHNOLOGY
2202 2203 2204 3404
GS TECHNOLOGIES
#REACTOR TECHNOLOGY
RT ANNULAR CORE PULSE REACTORS
% ENGINEERING
ENGINEERING TEST REACTORS
HANFORD REACTORS
HIGH TEMPERATURE NUCLEAR REACTORS
JOINT EUROPEAN TORUS
NUCLEAR FUEL BURNUP
NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST REACTORS
OFFSHORE REACTOR SITES
ORGANIC COOLED REACTORS
PEBBLE BED REACTORS
REVERSE FIELD PINCH

% REACTORS
0504 0904 0905 2203 2204
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ANNULAR CORE PULSE REACTORS
CHEMICAL REACTORS
ELECTRIC REACTORS
FAST TEST REACTORS
FUSION REACTORS
FUSION-FISSION HYBRID REACTORS
HIGH TEMPERATURE NUCLEAR REACTORS
MOLTEN SALT NUCLEAR REACTORS
NUCLEAR REACTORS
NUCLEAR RESEARCH AND TEST REACTORS
PLASMA CORE REACTORS
POWER REACTORS
RIFT (REACTOR IN FLIGHT TEST)
SNAPTRAN REACTOR
SPHEROMAKS
SWIMMING POOL REACTORS
THERMAL REACTORS
TOKAMAK DEVICES
WATER COOLED REACTORS

READ-ONLY MEMORY DEVICES
0801
UF ROM DEVICES
GS COMPUTER STORAGE DEVICES
#READ-ONLY MEMORY DEVICES
..CD-ROM
RT COMPUTER COMPONENTS
COMPUTER DESIGN
COMPUTER SYSTEMS DESIGN
COMPUTERS

READERS
0803
UF READING MACHINES
RT CHARACTER RECOGNITION
CONICAL SCANNING
% DETECTORS
MAGNETIC TAPES
MICROFILMS
OPTICAL DATA PROCESSING
OPTICAL SCANNERS
PATTERN RECOGNITION
PUNCHED CARDS
PUNCHED TAPES
READING

READING
0803
GS #READING
.LIP READING
RT CHARACTER RECOGNITION
CONICAL SCANNING
DATA TRANSMISSION
DISPLAY DEVICES
INPUT
% INTERPRETATION
LEGIBILITY
PERCEPTION
PRINTING
READERS

SCANNERS
SCANNING
SYMBOLS
VISIBILITY

READING MACHINES
USE READERS

READJUSTMENT
USE ADJUSTING

READOUT
0802 0803 3405
RT DISPLAY DEVICES
MULTIPLE OUTPUT PROGRAMS
OUTPUT
PRINTERS (DATA PROCESSING)
PRINTOUTS
REMOTE CONSOLES

REAGENTS
0603
RT CATALYSTS
CHEMICAL ANALYSIS
CHEMICAL REACTIONS
REACTION KINETICS

REAL GASES
0603 1203 2405 3501
GS GASES
#REAL GASES
RT EQUATIONS OF STATE
GAS DENSITY
IDEAL GAS
KINETIC THEORY
MOLECULAR GASES
MONATOMIC GASES

REAL NUMBERS
1902
GS #REAL NUMBERS
.INTEGERS
RT COMPLEX NUMBERS
% NUMBERS

REAL TIME OPERATION
0707 0708 0802 3107
RT AUTOMATIC CONTROL
COMPUTER PROGRAMMING
COMPUTERS
DISPLAY DEVICES
INTEGRATED MISSION CONTROL CENTER
MULTIPROCESSING (COMPUTERS)
ONBOARD DATA PROCESSING
WINDOWS (COMPUTER PROGRAMS)

REAL VARIABLES
1902 1903
GS ANALYSIS (MATHEMATICS)
#REAL VARIABLES
..ABEL FUNCTION
..ASYMPTOTES
..BESSEL FUNCTIONS
...HANKEL FUNCTIONS
..BETHE-SALPETER EQUATION
..CALCULUS OF VARIATIONS
..COMPOSITE FUNCTIONS
..DELTA FUNCTION
..DIFFERENTIAL EQUATIONS
...BLASIUS EQUATION
...CHANDRASEKHAR EQUATION
...COSINE SERIES
...DUFFING DIFFERENTIAL EQUATION
...FALKNER-SKAN EQUATION
...HYPERBOLIC DIFFERENTIAL EQUATIONS
...LAME WAVE EQUATIONS
...PARTIAL DIFFERENTIAL EQUATIONS
....BIHARMONIC EQUATIONS
....BURGER EQUATION
....CAUCHY-RIEMANN EQUATIONS
....ELLIPTIC DIFFERENTIAL EQUATIONS
.....MONGE-AMPERE EQUATION
....EULER-CAUCHY EQUATIONS
....FOKKER-PLANCK EQUATION
....GAUSS EQUATION
....HELMHOLTZ VORTICITY EQUATION
....LIOUVILLE EQUATIONS
....PARABOLIC DIFFERENTIAL EQUATIONS
....POISSON EQUATION
....VLASOV EQUATIONS
...RICCATI EQUATION
...VORTICITY EQUATIONS
....HELMHOLTZ VORTICITY EQUATION
..EINSTEIN EQUATIONS
..EXISTENCE THEOREMS
..EXTREMUM VALUES
...LIMITS (MATHEMATICS)
...MAXIMA
...MINIMA
..FOURIER-BESSEL TRANSFORMATIONS
..GREEN'S FUNCTIONS
..HYPERBOLIC FUNCTIONS
..HYPERPLANES
..JACOBI INTEGRAL
..JACOBI MATRIX METHOD
..KERNEL FUNCTIONS
..LIAPUNOV FUNCTIONS
..LINEAR EQUATIONS
...LINEAR EVOLUTION EQUATIONS
...RICCATI EQUATION
..LIPSCHITZ CONDITION
..MEASURE AND INTEGRATION
...BINARY INTEGRATION
...BOREL SETS
...FUNCTIONAL INTEGRATION
...INTEGRAL CALCULUS
...J INTEGRAL
...LEBESGUE THEOREM
...NUMERICAL INTEGRATION
....RUNGE-KUTTA METHOD
...STIELTJES INTEGRAL
...WEIGHTING FUNCTIONS
..NEUMANN PROBLEM
..NONLINEAR EQUATIONS
...CUBIC EQUATIONS
...DUFFING DIFFERENTIAL EQUATION
...MONGE-AMPERE EQUATION
...NONLINEAR EVOLUTION EQUATIONS
...QUADRATIC EQUATIONS
...QUARTIC EQUATIONS
..NUMERICAL DIFFERENTIATION
..PERIODIC FUNCTIONS
...TRIGONOMETRIC FUNCTIONS
....COSINE SERIES
....SINE SERIES
....TANGENTS
..SERIES (MATHEMATICS)
...ASYMPTOTIC SERIES
...CAMPBELL-HAUSDORFF SERIES
...COSINE SERIES
...FOURIER SERIES
...PADE APPROXIMATION
...POWER SERIES
....TAYLOR SERIES
.....MACLAURIN SERIES
...PROGRESSIONS
...PRONY SERIES
...SINE SERIES
..STURM-LIOUVILLE THEORY
..VECTOR ANALYSIS
...COLLINEARITY
...COPLANARITY
...CURL (VECTORS)
....VORTICITY
..WEIERSTRASS FUNCTIONS
..WHITTAKER FUNCTIONS
RT APERIODIC FUNCTIONS
CALCULUS
CHOLESKY FACTORIZATION
COMPLEX VARIABLES
CONTINUUMS
DEPENDENT VARIABLES
DIFFERENTIAL CALCULUS

FACTORIZATION
FOURIER ANALYSIS
HERMITIAN POLYNOMIAL
HYPERSPHERES
INFINITY
INFLECTION POINTS
MAXIMUM PRINCIPLE
MONOTONE FUNCTIONS
SCHMIDT METHOD
STABILITY DERIVATIVES
UNIQUENESS THEOREM
% VARIABLE

REARWARD FACING STEPS
USE BACKWARD FACING STEPS

REATTACHED FLOW
0101 1201 1202 1203 3105
GS FLUID FLOW
.VISCOUS FLOW
..BOUNDARY LAYER FLOW
..#REATTACHED FLOW
RT % ATTACHMENT
BACKWARD FACING STEPS
BOUNDARY LAYER SEPARATION
COANDA EFFECT
CROCCO-LEE THEORY
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
SEPARATED FLOW

REATTACHMENT
USE ATTACHMENT

REB
USE RELATIVISTIC ELECTRON BEAMS

REBREATHING
0401 0505 0507
RT AIR PURIFICATION
CARBON DIOXIDE CONCENTRATION
CARBON DIOXIDE REMOVAL
EXPIRED AIR
LIFE SUPPORT SYSTEMS
SPACECRAFT CABIN ATMOSPHERES

RECEIVERS
0701 0703 1409 1413
UF RECEIVING SYSTEMS
GS #RECEIVERS
.LINEAR RECEIVERS
.LOGARITHMIC RECEIVERS
.RADAR RECEIVERS
.RADIO RECEIVERS
..SUPERHETERODYNE RECEIVERS
..TRANSMITTER RECEIVERS
..WHISTLER RECORDERS
.RADIOTELEPHONES
.TELEVISION RECEIVERS
RT AMPLIFIERS
% DETECTORS
DISPLAY DEVICES
DUPLEXERS
ELECTRIC FILTERS
INSTRUMENT RECEIVERS
% RECEIVING
REPEATERS
TANKS (CONTAINERS)
TELEPRINTERS
TELETYPEWRITERS
TRANSMITTERS

% RECEIVING
0705 0708 1409
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF RECEPTION
RT ACQUISITION
COLLECTION
DELIVERY
PROCUREMENT
RADAR RECEPTION
RADIO RECEPTION
RECEIVERS
RECOGNITION
SIGNAL RECEPTION
TELEVISION RECEPTION

RECEIVING SYSTEMS
USE RECEIVERS

RECEPTACLES (CONTAINERS)
USE CONTAINERS

RECEPTION
USE RECEIVING

RECEPTION DIVERSITY
0702 0703 0705 0802
UF SPACE DIVERSITY
GS RADIO EQUIPMENT
#RECEPTION DIVERSITY
RT FADING
RADIO ANTENNAS
RADIO RECEIVERS
RADIO RECEPTION
SIGNAL FADING

RECEPTORS (PHYSIOLOGY)
0401 0405 0408
GS #RECEPTORS (PHYSIOLOGY)
.BARORECEPTORS
.CHEMORECEPTORS
.GRAVIRECEPTORS
..OTOLITH ORGANS
.MECHANORECEPTORS
.PHOTORECEPTORS
.PROPRIOCEPTORS
.THERMORECEPTORS
RT SENSE ORGANS
SENSITOMETRY

RECESSES
0404 1308 1704 3406
RT CAVITIES
CREVASSES
% HOLLOW

RECESSION
3402
RT % DEPRESSION
ECONOMICS

RECHARGING
2307
RT CHARGE EFFICIENCY

RECIPROCAL THEOREMS
1413 1902 2301 2402
GS THEOREMS
#RECIPROCAL THEOREMS
RT ANGLES (GEOMETRY)
GEOMETRY
LINES (GEOMETRY)
POINTS (MATHEMATICS)
PROJECTIVE GEOMETRY

RECIPROCATING ENGINES
USE PISTON ENGINES

RECIPROCATION
1504 3404 3406 3407
RT CYCLES
MECHANICAL OSCILLATORS
PISTON ENGINES
PISTONS

RECIPROCITY THEOREM
0901
GS THEOREMS
#RECIPROCITY THEOREM
RT ACOUSTIC SCATTERING
ELECTROMAGNETIC FIELDS
ELECTROMAGNETIC SCATTERING

WAVE SCATTERING

RECIRCULATION
USE CIRCULATION

RECIRCULATIVE FLUID FLOW
0303 1202 1204 2805
GS FLUID FLOW
#RECIRCULATIVE FLUID FLOW
RT BACKWARD FACING STEPS
BOUNDARY LAYER FLOW
BOUNDARY LAYER SEPARATION
REVERSED FLOW
TURBULENT FLOW
TURBULENT MIXING
VORTICES

RECLAMATION
0505
GS #RECLAMATION
.GAS RECOVERY
.MATERIALS RECOVERY
..NUCLEAR FUEL REPROCESSING
..SOLVOLYSIS
..WATER RECLAMATION
RT OIL RECOVERY
% RECOVERY
RECYCLING
REGENERATION (ENGINEERING)

RECOGNITION
0408 0410 3407
GS #RECOGNITION
.PATTERN RECOGNITION
..CHARACTER RECOGNITION
..GRAPHOLOGY
.SPEECH RECOGNITION
.TARGET RECOGNITION
.TIMBER IDENTIFICATION
RT ACQUISITION
CONSCIOUSNESS
CROP IDENTIFICATION
IDENTIFYING
IFF SYSTEMS (IDENTIFICATION)
% INTERPRETATION
MEMORY
% RECEIVING
REMOTE SENSING

RECOIL ATOMS
2401 2405
GS ATOMS
#RECOIL ATOMS
RT RECOILINGS

RECOIL IONS
1804 2401 2402
GS IONS
#RECOIL IONS
RT ATOMIC COLLISIONS
CHARGE EXCHANGE
ELECTRON SCATTERING
ION IMPACT
ION PRODUCTION RATES
ION SCATTERING
IONIC COLLISIONS
RECOILINGS

RECOIL PROTONS
2401 2403
GS PARTICLES
.CHARGED PARTICLES
..PROTONS
..#RECOIL PROTONS
.ELEMENTARY PARTICLES
..FERMIONS
...PROTONS
...#RECOIL PROTONS
RT BARYONS
RECOILINGS

RECOILINGS
2401 2405
RT COLLISIONS
PARTICLE MOTION
RECOIL ATOMS
RECOIL IONS
RECOIL PROTONS

RECOMBINATION COEFFICIENT
0603 1203 2404
GS COEFFICIENTS
#RECOMBINATION COEFFICIENT
RATES (PER TIME)
#RECOMBINATION COEFFICIENT
RT FREE ELECTRONS
ION RECOMBINATION
IONIZED GASES

RECOMBINATION REACTIONS
0603 0604 2401 2404 3407
GS #RECOMBINATION REACTIONS
.ATOMIC RECOMBINATION
..OXYGEN RECOMBINATION
.ELECTRON RECOMBINATION
..RADIATIVE RECOMBINATION
.ELECTRON-ION RECOMBINATION
..RADIATIVE RECOMBINATION
.HYDROGEN RECOMBINATIONS
.ION RECOMBINATION
RT ATOMIC COLLISIONS
CAPTURE EFFECT
FERTILIZATION
SUHL EFFECT

RECOMMENDATIONS
0703 0802 1905
GS #RECOMMENDATIONS
.SUGGESTION
RT DECISION THEORY
GENERAL OVERVIEWS

RECOMPRESSION
USE COMPRESSING

RECONNAISSANCE
1401 1407 3401 3501
GS #RECONNAISSANCE
.AERIAL RECONNAISSANCE
..AIRBORNE INTEGRATED
RECONNAISSANCE SYSTEM
.PHOTORECONNAISSANCE
.SPECTRAL RECONNAISSANCE
RT COSPAS
EARTH RESOURCES
OBSERVATION
PATROLS
PHOTOGEOLOGY
SARSAT
SEARCHING
SPACE OBSERVATIONS (FROM EARTH)
SPACE SURVEILLANCE (SPACEBORNE)
SURVEILLANCE
SURVEYS
TERRAIN ANALYSIS

RECONNAISSANCE AIRCRAFT
0207 1401 1402 3401 3501
GS #RECONNAISSANCE AIRCRAFT
.A-9 AIRCRAFT
.BREGUET 1150 AIRCRAFT
.CESSNA L-19 AIRCRAFT
.CL-84 AIRCRAFT
.EARTH RESOURCES SURVEY AIRCRAFT
.F-5 AIRCRAFT
.G-91 AIRCRAFT
.G-95/4 AIRCRAFT
.HS-801 AIRCRAFT
.MIRAGE AIRCRAFT
..MIRAGE 3 AIRCRAFT
.OV-10 AIRCRAFT
.P-1127 AIRCRAFT
.P-1154 AIRCRAFT
.RB-50 AIRCRAFT
.SR-71 AIRCRAFT

.TSR-2 AIRCRAFT
.U-2 AIRCRAFT
.VICTOR MK-1 AIRCRAFT
.WEATHER RECONNAISSANCE AIRCRAFT
RT AERIAL RECONNAISSANCE
% AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
FLYING PLATFORMS
JET AIRCRAFT
LIGHT AIRCRAFT
% MILITARY AIRCRAFT
% MILITARY AVIATION
MILITARY HELICOPTERS
OBSERVATION AIRCRAFT
PILOTLESS AIRCRAFT
SUBMERSIBLE AIRCRAFT
SUPERSONIC AIRCRAFT
UTILITY AIRCRAFT
V/STOL AIRCRAFT
VALIANT AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT
YF-12 AIRCRAFT

RECONNAISSANCE SPACECRAFT
1401 3107 3108 3401
GS MILITARY SPACECRAFT
#RECONNAISSANCE SPACECRAFT
..INSPECTOR SATELLITE
..MIDAS SATELLITES
...MIDAS 2 SATELLITE
...MIDAS 3 SATELLITE
...MIDAS 4 SATELLITE
...MIDAS 5 SATELLITE
...MIDAS 6 SATELLITE
...MIDAS 7 SATELLITE
..PHOTO RECONNAISSANCE SPACECRAFT
..SAMOS
RT AERIAL RECONNAISSANCE
ARTIFICIAL SATELLITES
MANNED ORBITAL LABORATORIES
MANNED SPACECRAFT
UNMANNED SPACECRAFT

RECONSTRUCTION
3406 3407
GS #RECONSTRUCTION
.WAVE FRONT RECONSTRUCTION
RT CONSTRUCTION
RESTORATION

% RECORDERS
0202 0701 0802 1401 1402 2002 3501
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CABLE FORCE RECORDERS
DATA RECORDERS
PLAYBACKS
RECORDING INSTRUMENTS
REGISTERS (COMPUTERS)
TAPE RECORDERS
VLF EMISSION RECORDERS

RECORDING
3403 3405 3406 3407
GS #RECORDING
.DATA RECORDING
.DATA SMOOTHING
.MAGNETIC RECORDING
.PHOTOGRAPHIC RECORDING
.PREDICTION RECORDING
RT PLAYBACKS
PLOTTING
PRIVACY
% STORAGE

RECORDING HEADS
0803
RT DATA RECORDING
MAGNETIC RECORDING
MAGNETIC TAPES
RECORDING INSTRUMENTS
TAPE RECORDERS
VIDEO EQUIPMENT

RECORDING INSTRUMENTS
0501 0904 0905 1308 1403 1406 3405 3501
UF EMISSOGRAPHS
PLUVIOGRAPHS
THERMOGRAMS
GS #RECORDING INSTRUMENTS
.BATHYTHERMOGRAPHS
.CABLE FORCE RECORDERS
.FLIGHT LOAD RECORDERS
.FLIGHT RECORDERS
.FORCE VECTOR RECORDERS
.MECHANOGRAMS
.OSCILLOGRAPHS
.PLOTTERS
..X-Y PLOTTERS
.PRESSURE RECORDERS
.RADIOMETEOROGRAPHS
.SEISMOGRAPHS
..LUNAR SEISMOGRAPHS
.TAPE RECORDERS
..VIDEO TAPE RECORDERS
.WEATHER DATA RECORDERS
.WHISTLER RECORDERS
RT AIRCRAFT INSTRUMENTS
AUTOMATIC CONTROL
BUBBLE TECHNIQUE
CONTROL EQUIPMENT
COUNTERS
DATA RECORDERS
ELECTRONIC RECORDING SYSTEMS
FLIGHT INSTRUMENTS
GRAPHS (CHARTS)
INDICATING INSTRUMENTS
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
% INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
% PENS
PHOTOGRAPHIC RECORDING
% RECORDERS
RECORDING HEADS
SONOGRAMS
SPHYGMOGRAPHY
TAPE RECORDERS
TRANSDUCERS
VLF EMISSION RECORDERS

RECORDS
0904 0905 1105 1106 3403 3405 3406
GS DOCUMENTS
#RECORDS
..VIDEO DISKS
RT CASE HISTORIES
% DATA
DATA PROCESSING
DATA RECORDING
DOCUMENTATION
% DRAWING
FORMAT
HISTORIES
PERIODICALS
PLAYBACKS
PRESIDENTIAL REPORTS
PRIVACY
RECORDS MANAGEMENT
REPORTS
SUPPLEMENTS
TECHNICAL WRITING
% TESTS
TEXTS

RECORDS MANAGEMENT
3405 3406 4001
GS MANAGEMENT
.INFORMATION MANAGEMENT
.#RECORDS MANAGEMENT
RT DATA MANAGEMENT
INFORMATION SYSTEMS

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      MANAGEMENT INFORMATION SYSTEMS
      RECORDS

RECOVERABILITY
  3408
  RT   DAMAGE ASSESSMENT
     % PROPERTIES
     % RECOVERY

RECOVERABLE LAUNCH VEHICLES
  1102 3102 3103 3110
  GS   LAUNCH VEHICLES
       #RECOVERABLE LAUNCH VEHICLES
  RT   BOOSTER RECOVERY
       LAUNCH VEHICLE CONFIGURATIONS
       MULTIENGINE VEHICLES
     % RECOVERY
       RECOVERY PARACHUTES
       REUSABLE LAUNCH VEHICLES
     % VEHICLES
     % WINGED VEHICLES

RECOVERABLE SATELLITES
  USE  RECOVERABLE SPACECRAFT

RECOVERABLE SPACECRAFT
  1102 3104 3107 3110
  UF   RECOVERABLE SATELLITES
  GS   REENTRY VEHICLES
       #RECOVERABLE SPACECRAFT
       ..APOLLO SPACECRAFT
       ...APOLLO LUNAR EXPERIMENT MODULE
       ..ASTRO VEHICLE
       ..GEMINI B SPACECRAFT
       ..GEMINI SPACECRAFT
       ...GEMINI (GT-1) SPACECRAFT
       ...GEMINI 2 SPACECRAFT
       ..MERCURY SPACECRAFT
       ...AURORA 7
       ...FAITH 7
       ...FRIENDSHIP 7
       ...SIGMA 7
       ..REUSABLE SPACECRAFT
       ...AEROSPACE PLANES
       ....HOTOL LAUNCH VEHICLE
       ....X-30 VEHICLE
       ...MARS (MANNED REUSABLE
          SPACECRAFT)
       ...SPACE SHUTTLE ORBITERS
       ....ATLANTIS (ORBITER)
       ....CHALLENGER (ORBITER)
       ....COLUMBIA (ORBITER)
       ....DISCOVERY (ORBITER)
       ....ENDEAVOUR (ORBITER)
       ....ENTERPRISE (ORBITER)
       ...SPACE SHUTTLES
       ....BURAN SPACE SHUTTLE
       ....HERMES MANNED SPACEPLANE
       ..VOSKHOD MANNED SPACECRAFT
       ...VOSKHOD 1 SPACECRAFT
       ...VOSKHOD 2 SPACECRAFT
       ..VOSTOK SPACECRAFT
       ...VOSTOK 1 SPACECRAFT
       ...VOSTOK 2 SPACECRAFT
       ...VOSTOK 3 SPACECRAFT
       ...VOSTOK 4 SPACECRAFT
       ...VOSTOK 5 SPACECRAFT
       ...VOSTOK 6 SPACECRAFT
  RT   BOOSTER ROCKET ENGINES
       BOOSTGLIDE VEHICLES
       EXPENDABLE STAGES (SPACECRAFT)
       HYPERSONIC VEHICLES
       INERTIAL UPPER STAGE
       INTERIM STAGES (SPACECRAFT)
       LIFTING REENTRY VEHICLES
       MANEUVERABLE SPACECRAFT
       MANNED SPACECRAFT
       MILITARY SPACECRAFT
       RENDEZVOUS SPACECRAFT
       SPACE CAPSULES
     % SPACECRAFT
       SPACECRAFT RECOVERY
       UNMANNED SPACECRAFT
     % WINGED VEHICLES

% RECOVERY
  0101 0201 1202 3105 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   BOOSTER RECOVERY
       GAS RECOVERY
       LOOP TRANSFER RECOVERY
       MATERIALS RECOVERY
       NUCLEAR FUEL REPROCESSING
       OIL RECOVERY
       PRESSURE RECOVERY
       RECLAMATION
       RECOVERABILITY
       RECOVERABLE LAUNCH VEHICLES
       RECOVERY PARACHUTES
       RETRIEVAL
       REUSE
       SPACECRAFT RECOVERY
       STRESS RELAXATION
       STRESS RELIEVING
       VISUAL DISCRIMINATION

RECOVERY PARACHUTES
  0208 1102 3110
  GS   PARACHUTES
       #RECOVERY PARACHUTES
  RT   BOOSTER RECOVERY
       DISCOVERER RECOVERY CAPSULES
       RECOVERABLE LAUNCH VEHICLES
     % RECOVERY
       RIBBON PARACHUTES
       SPACECRAFT RECOVERY

RECOVERY VEHICLES
  0206
  SN   (EXCLUDES RECOVERABLE VEHICLES)
  RT   HELICOPTERS
     % MILITARY VEHICLES
       TRUCKS
     % VEHICLES

RECOVERY ZONES
  1102 3105
  RT   DOWNRANGE
       LANDING SITES
       REENTRY RANGE
       REGIONS
       SPACECRAFT RECOVERY

RECREATION
  0408 3406
  RT   MORALE
       PARKS
       RELAXATION (PHYSIOLOGY)
       REST
       STARSITE PROGRAM
       URBAN PLANNING
       URBAN RESEARCH

RECRYSTALLIZATION
  1704 2601 3303
  GS   CRYSTALLIZATION
       #RECRYSTALLIZATION
  RT   ANNEALING
       HEAT TREATMENT
       LASER ANNEALING
     % METALLURGY
       NUCLEATION
       POLYGONIZATION
     % SEPARATION

RECTANGLES
  1902
  GS   GEOMETRY
       .EUCLIDEAN GEOMETRY
       ..POLYGONS
       ...TETRAGONS
       ...#RECTANGLES
  RT   RECTANGULAR PLANFORMS
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```
RECTANGULAR BEAMS
  3202 3203
  GS   STRUCTURAL MEMBERS
       .BEAMS (SUPPORTS)
       .#RECTANGULAR BEAMS
  RT   BOX BEAMS

RECTANGULAR COORDINATES
  USE  CARTESIAN COORDINATES

RECTANGULAR DRAINAGE
  USE  DRAINAGE PATTERNS

RECTANGULAR PANELS
  0101 2309 3202 3203
  GS   PANELS
       #RECTANGULAR PANELS
       PLANFORMS
       .RECTANGULAR PLANFORMS
       .#RECTANGULAR PANELS
  RT   STRAKES
       STRUCTURAL MEMBERS
       WING PANELS

RECTANGULAR PLANFORMS
  0101 3202 3203
  GS   PLANFORMS
       #RECTANGULAR PLANFORMS
       ..RECTANGULAR PANELS
       ..RECTANGULAR PLATES
       ..RECTANGULAR WINGS
  RT   RECTANGLES
       WING PLANFORMS

RECTANGULAR PLATES
  0101 3202 3203
  GS   PLANFORMS
       .RECTANGULAR PLANFORMS
       .#RECTANGULAR PLATES
       STRUCTURAL MEMBERS
       .PLATES (STRUCTURAL MEMBERS)
       .#RECTANGULAR PLATES
  RT   FLAT PLATES
       METAL PLATES
     % PLATES

RECTANGULAR WAVEGUIDES
  0710 2402
  GS   WAVEGUIDES
       #RECTANGULAR WAVEGUIDES
  RT   BEAM WAVEGUIDES
       MICROWAVE FILTERS

RECTANGULAR WIND TUNNELS
  1106 1110
  GS   TEST FACILITIES
       .WIND TUNNELS
       .#RECTANGULAR WIND TUNNELS
  RT   SUBSONIC WIND TUNNELS

RECTANGULAR WINGS
  0101 0202
  UF   STRAIGHT WINGS
  GS   AIRFOILS
       .WINGS
       ..UNSWEPT WINGS
       ..#RECTANGULAR WINGS
       PLANFORMS
       .RECTANGULAR PLANFORMS
       .#RECTANGULAR WINGS

RECTENNAS
  1502
  UF   RECTIFIER ANTENNAS
  GS   MICROWAVE EQUIPMENT
       .MICROWAVE ANTENNAS
       .#RECTENNAS
  RT   SATELLITE POWER TRANSMISSION
       SOLAR RADIATION
       SPACETENNAS

RECTIFICATION
  3407
  GS  #RECTIFICATION
       .GEOMETRIC RECTIFICATION (IMAGERY)
  RT % CONDENSATION
       DISTILLATION
       PURIFICATION
       REFINING

RECTIFIER ANTENNAS
  USE  RECTENNAS

RECTIFIERS
  0902 0905
  SN   (EXCLUDES PHOTOGRAPHIC RECTIFIER)
  GS  #RECTIFIERS
       .AVALANCHE DIODES
       ..CRYOSAR
       .CRYSTAL RECTIFIERS
       .GERMANIUM DIODES
       .IGNITRONS
       .THYRATRONS
       .THYRISTORS
       ..SILICON CONTROLLED RECTIFIERS
  RT   BARRITT DIODES
       CURRENT CONVERTERS (AC TO DC)
       DIODES
       ELECTRON TUBES
     % ENERGY SOURCES
       FORM FACTORS
       ITO (SEMICONDUCTORS)
       MERCURY ARCS
       METAL OXIDE SEMICONDUCTORS
     % POWER SUPPLIES
       POWER SUPPLY CIRCUITS
       SEMICONDUCTOR DEVICES
       SOLID STATE DEVICES
       THIN FILMS

RECTUM
  0405
  GS   ANATOMY
       .DIGESTIVE SYSTEM
       ..GASTROINTESTINAL SYSTEM
       ...INTESTINES
       ...#RECTUM

RECUPERATORS
  USE  REGENERATORS

RECURSION FORMULAS
  USE  RECURSIVE FUNCTIONS

RECURSIVE FUNCTIONS
  1902
  UF   RECURSION FORMULAS
  GS   FUNCTIONS (MATHEMATICS)
       #RECURSIVE FUNCTIONS
  RT   FIR FILTERS
       LISP (PROGRAMMING LANGUAGE)
       STRANGE ATTRACTORS

RECYCLING
  0602 1701 1703 1704 1801 1804 1805
  1809 1810 1811 3407
  RT   ECONOMY
       EXTRACTION
       MATERIALS RECOVERY
       NUCLEAR FUEL REPROCESSING
     % PROCESSING
       RECLAMATION
       REFINING
       RESOURCES
       SOLVOLYSIS
       SPENT FUELS

RED ARCS
  1302 2903 3008
  GS   ATMOSPHERIC RADIATION
       .AURORAS
       ..AURORAL ARCS
       ..#RED ARCS
  RT % ARCS
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      AURORAL IONIZATION

RED BLOOD CELLS
  USE  ERYTHROCYTES

RED DWARF STARS
  3001
  GS   CELESTIAL BODIES
       .STARS
       ..MAIN SEQUENCE STARS
       ...DWARF STARS
       ...#RED DWARF STARS
  RT   HOT STARS
       LATE STARS
       STELLAR LUMINOSITY
       STELLAR MAGNITUDE
       SUBDWARF STARS
       SUPERNOVA REMNANTS
       WHITE DWARF STARS

RED GIANT STARS
  1901 3001
  GS   CELESTIAL BODIES
       .STARS
       ..GIANT STARS
       ..#RED GIANT STARS
       ....CARBON STARS
  RT   ASYMPTOTIC GIANT BRANCH STARS
       LATE STARS
       M STARS
       MIRA VARIABLES
       S STARS
       STELLAR EVOLUTION
       STELLAR LUMINOSITY

RED SEA
  1305
  GS   SEAS
       #RED SEA
  RT   AFRICA
       ASIA

RED SHIFT
  1411 2902 2903 3001
  RT   COSMOLOGY
       DOPPLER EFFECT
       DOPPLER-FIZEAU EFFECT
       GALAXIES
       HUBBLE CONSTANT
       HUBBLE DIAGRAM
       IRREGULAR GALAXIES
       RADIAL VELOCITY

RED TIDE
  0402 0404 0407 0412 1310
  RT   FISHES
       MARINE ENVIRONMENTS
       MICROORGANISMS
       OCEANOGRAPHY
       PLANKTON
       SEA WATER
       TOXICOLOGY

REDEYE MISSILE
  3101 3401
  GS   MISSILES
       .ANTIAIRCRAFT MISSILES
       .#REDEYE MISSILE
       .SURFACE TO AIR MISSILES
       .#REDEYE MISSILE
  RT   SOLID PROPELLANT ROCKET ENGINES

REDOX CELLS
  0904
  GS   ELECTROCHEMICAL CELLS
       .ELECTRIC BATTERIES
       .#REDOX CELLS
  RT   ELECTROCHEMISTRY
       ELECTROLYTES
       ENERGY CONVERSION EFFICIENCY
       ENERGY STORAGE

REDUCED GRAVITY
  USE  MICROGRAVITY

REDUCED ORDER FILTERS
  0902 0904
  GS   LINEAR FILTERS
       #REDUCED ORDER FILTERS
  RT   ELECTRIC FILTERS
     % FILTERS
       KALMAN FILTERS
       NAVIGATION AIDS

% REDUCTION
  0602 1902 3406 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  UF   DECREMENTING
       DIMINUTION
       SHORTENING
  RT   ATTENUATION
       CLEANING
       COMMINUTION
       CONTRACTION
       DAMPING
       DATA REDUCTION
       DECELERATION
       DECONTAMINATION
       DEMAGNETIZATION
       DEOXYGENATION
       DEPLETION
       DEPOLARIZATION
       DILUTION
       DIMMING
       DISPERSING
       DISSIPATION
       DRAG REDUCTION
       ELIMINATION
       FRICTION REDUCTION
       HYDROGENOLYSIS
     % INHIBITION
       IODIMETRY
       LEAKAGE
       METAL WORKING
       NOISE REDUCTION
       OPTIMIZATION
       PRESSURE REDUCTION
       PREVENTION
       PURIFICATION
       REDUCTION (CHEMISTRY)
       REFINING
       RELAXATION (MECHANICS)
       REMOVAL
       RETARDING
       SHRINKAGE
       SIDELOBE REDUCTION
       SPIN REDUCTION
       STOPPING
       TAPERING

REDUCTION (CHEMISTRY)
  0602
  GS   CHEMICAL REACTIONS
       #REDUCTION (CHEMISTRY)
       ..DEOXIDIZING
       ..HYDROGENATION
  RT % CHEMISTRY
       DEHYDROGENATION
       ELECTRODEPOSITION
       ELECTROLYSIS
       METAL POWDER
       OXIDATION
       OXIDATION-REDUCTION REACTIONS
       PURIFICATION
     % REDUCTION
       ROASTING
       SMELTING

REDUCTION (MATHEMATICS)
  USE  OPTIMIZATION

REDUNDANCY
  3408
```

```
  RT    ASSURANCE
        COMMUNICATION THEORY
        COMPUTER PROGRAM INTEGRITY
        CORRECTION
        ERROR DETECTION CODES
        INFORMATION THEORY
        RELIABILITY

REDUNDANCY ENCODING
  0703 0802 0803
  GS    CODING
        #REDUNDANCY ENCODING
  RT    CONCATENATED CODES
        DATA TRANSMISSION
        ERROR CORRECTING CODES
        ERROR CORRECTING DEVICES
        ERROR DETECTION CODES
        REED-SOLOMON CODES
        REPETITION
        SIGNAL ENCODING

REDUNDANT COMPONENTS
  0503 0702 0802 0902
  UF    REDUNDANT STRUCTURES
  RT    BACKUPS
      % COMPONENTS
        RELIABILITY
        SPARE PARTS
      % STRUCTURES

REDUNDANT STRUCTURES
  USE   REDUNDANT COMPONENTS

REED-SOLOMON CODES
  UF    RS CODES
  GS    ERROR CORRECTING CODES
        #REED-SOLOMON CODES
  RT    BIT ERROR RATE
      % CODES
        CODING
        CONCATENATED CODES
        DECODERS
        REDUNDANCY ENCODING
        SIGNAL ENCODING

REEDS (PLANTS)
  0409
  GS    PLANTS (BOTANY)
        .GRASSES
        .#REEDS (PLANTS)

REEFS
  1305 1310
  GS    LANDFORMS
        .BARRIERS (LANDFORMS)
        .#REEFS
  RT    ATOLLS
        BARS (LANDFORMS)
        CORAL REEFS
        ISLAND ARCS
        ISLANDS
        OCEANOGRAPHY
        ROCKS
        SANDS
        SHALLOW WATER
      % SHELVES
        SHOALS

REELS
  1502 1504
  RT    CABLES (ROPES)
      % CONTAINERS
        MAGNETIC TAPES
        SPOOLS
        TETHERED BALLOONS
        TETHERED SATELLITES
        TETHERING

REENTRY
  3105 3407 3501
  GS    ATMOSPHERIC ENTRY
        #REENTRY
        ..HYPERBOLIC REENTRY
        ..HYPERSONIC REENTRY
        ...UNCONTROLLED REENTRY
           (SPACECRAFT)
        ..MANNED REENTRY
        ..SPACECRAFT REENTRY
        ...UNCONTROLLED REENTRY
           (SPACECRAFT)
  RT    ABLATION
        AERODYNAMIC HEATING
        AERODYNAMIC STABILITY
        AERODYNAMICS
        AEROTHERMODYNAMICS
        DESCENT
        DESCENT TRAJECTORIES
      % ENTRY
        FLIGHT PATHS
        IMPACT PREDICTION
        LIFTING REENTRY VEHICLES
        LOW OBSERVABLE REENTRY VEHICLES
        MISSILES
      % ROCKETS
        SPACE FLIGHT
        TERMINAL GUIDANCE

REENTRY BODIES
  USE   REENTRY VEHICLES

REENTRY BREAKUP
  USE   SPACECRAFT BREAKUP

REENTRY COMMUNICATION
  0707 3104 3108
  GS    TELECOMMUNICATION
        .SPACE COMMUNICATION
        ..SPACECRAFT COMMUNICATION
        ..#REENTRY COMMUNICATION
  RT    BLACKOUT (PROPAGATION)
        MANNED REENTRY
        PLASMA SHEATHS
        RADIO COMMUNICATION
        VOICE COMMUNICATION

REENTRY DECOYS
  3101 3105 3401 3501
  GS    COUNTERMEASURES
        #REENTRY DECOYS
        DECOYS
        #REENTRY DECOYS
        REENTRY VEHICLES
        #REENTRY DECOYS
  RT    BALLISTIC MISSILE DECOYS
        MISSILE DEFENSE

REENTRY EFFECTS
  0101 1202 3105 3501
  RT    ABLATION
        AERODYNAMIC HEATING
        BLACKOUT (PROPAGATION)
      % EFFECTS
        HYPERSONIC REENTRY
        PLASMA SHEATHS
        SPACECRAFT BREAKUP
        TEMPERATURE EFFECTS

REENTRY GLIDERS
  USE   LIFTING REENTRY VEHICLES

REENTRY GUIDANCE
  1102 2102 3105 3501
  GS    GUIDANCE (MOTION)
        #REENTRY GUIDANCE
  RT    AUTOMATIC CONTROL
        DESCENT TRAJECTORIES
        INERTIAL GUIDANCE
        MANUAL CONTROL
        SATELLITE GUIDANCE
        SPACECRAFT GUIDANCE
        TERMINAL GUIDANCE

REENTRY PHYSICS
  0101 1203 2309 3006 3105
  RT    ABLATION
```

```
      AEROTHERMOCHEMISTRY
      AEROTHERMODYNAMICS
      HYPERSONIC REENTRY
      LOW OBSERVABLE REENTRY VEHICLES
    % PHYSICS
      PLASMA SHEATHS
    % SCIENCE

REENTRY RANGE
  1203 3105 3501
  GS   DISTANCE
       #REENTRY RANGE
  RT   MISSILE RANGES
       RECOVERY ZONES

REENTRY SHIELDING
  3105 3305 3501
  GS   SHIELDING
       .HEAT SHIELDING
       .#REENTRY SHIELDING
  RT   ABLATION
       ABLATIVE NOSE CONES
       AERODYNAMIC HEATING
       AEROTHERMOCHEMISTRY
       HEAT SINKS
    % INSULATED STRUCTURES
      LUDOX (TRADEMARK)
      NOSE CONES
      REUSABLE HEAT SHIELDING
      SPACECRAFT SHIELDING
      THERMAL CONTROL COATINGS
      THERMAL INSULATION
      THERMAL PROTECTION

REENTRY TRAJECTORIES
  0101 1904 3006 3105
  GS   TRAJECTORIES
       .DESCENT TRAJECTORIES
       .#REENTRY TRAJECTORIES
  RT   CIRCUMLUNAR TRAJECTORIES
       FLIGHT MECHANICS
       HYPERBOLIC REENTRY
       MISSILE TRAJECTORIES
       MOON-EARTH TRAJECTORIES
       SPACECRAFT TRAJECTORIES
       TERMINAL GUIDANCE

REENTRY VEHICLES
  3105 3501
  UF   REENTRY BODIES
  GS  #REENTRY VEHICLES
       .BOOSTGLIDE VEHICLES
       ..X-20 AIRCRAFT
       .LOW OBSERVABLE REENTRY VEHICLES
       .MANEUVERABLE REENTRY BODIES
       ..LIFTING REENTRY VEHICLES
       ...FDL-5 REENTRY VEHICLE
       ...HL-10 REENTRY VEHICLE
       ...HLD-35 REENTRY VEHICLE
       ...JANUS SPACECRAFT
       ...M-2 LIFTING BODY
       ....M-2F2 LIFTING BODY
       ...X-20 AIRCRAFT
       ...X-24 AIRCRAFT
       .MARK 1 REENTRY BODY
       .MARK 2 REENTRY BODY
       .MARK 3 REENTRY BODY
       .MARK 4 REENTRY BODY
       .MARK 5 REENTRY BODY
       .MARK 6 REENTRY BODY
       .MARK 11 REENTRY BODY
       .MARK 12 REENTRY BODY
       .MARK 17 REENTRY BODY
       .RECOVERABLE SPACECRAFT
       ..APOLLO SPACECRAFT
       ...APOLLO LUNAR EXPERIMENT MODULE
       ..ASTRO VEHICLE
       ..GEMINI B SPACECRAFT
       ..GEMINI SPACECRAFT
       ...GEMINI (GT-1) SPACECRAFT
       ...GEMINI 2 SPACECRAFT
       ..MERCURY SPACECRAFT
       ...AURORA 7
       ...FAITH 7
       ...FRIENDSHIP 7
       ...SIGMA 7
       ..REUSABLE SPACECRAFT
       ...AEROSPACE PLANES
       ....HOTOL LAUNCH VEHICLE
       ....X-30 VEHICLE
       ...MARS (MANNED REUSABLE
          SPACECRAFT)
       ...SPACE SHUTTLE ORBITERS
       ....ATLANTIS (ORBITER)
       ....CHALLENGER (ORBITER)
       ....COLUMBIA (ORBITER)
       ....DISCOVERY (ORBITER)
       ....ENDEAVOUR (ORBITER)
       ....ENTERPRISE (ORBITER)
       ...SPACE SHUTTLES
       ....BURAN SPACE SHUTTLE
       ....HERMES MANNED SPACEPLANE
       ..VOSKHOD MANNED SPACECRAFT
       ...VOSKHOD 1 SPACECRAFT
       ...VOSKHOD 2 SPACECRAFT
       ..VOSTOK SPACECRAFT
       ...VOSTOK 1 SPACECRAFT
       ...VOSTOK 2 SPACECRAFT
       ...VOSTOK 3 SPACECRAFT
       ...VOSTOK 4 SPACECRAFT
       ...VOSTOK 5 SPACECRAFT
       ...VOSTOK 6 SPACECRAFT
       .REENTRY DECOYS
       .TRAILBLAZER 1 REENTRY VEHICLE
       .TRAILBLAZER 2 REENTRY VEHICLE
       .X-17 REENTRY VEHICLE
  RT   ABLATIVE NOSE CONES
       AEROTHERMOCHEMISTRY
       ATHENA ROCKET VEHICLE
    % BALLISTIC VEHICLES
      BLUFF BODIES
    % BODIES
      FERRY SPACECRAFT
    % FLIGHT VEHICLES
      HYPERSONIC VEHICLES
    % INSULATED STRUCTURES
      LANDING MODULES
      LIFTING BODIES
      MANEUVERABLE SPACECRAFT
      MISSILES
      NOSE CONES
      PYRAMIDAL BODIES
    % ROCKETS
      SPACE CAPSULES
    % SPACECRAFT
      SPACECRAFT CONFIGURATIONS
      TERMINAL GUIDANCE
      TEST VEHICLES
    % VEHICLES
    % WINGED VEHICLES

REFERENCE ATMOSPHERES
  1301
  UF   STANDARD ATMOSPHERES
  GS   MODELS
       .ATMOSPHERIC MODELS
       .#REFERENCE ATMOSPHERES
       STANDARDS
       #REFERENCE ATMOSPHERES

REFERENCE STARS
  1901 2103 3001
  GS   CELESTIAL BODIES
       .STARS
       .#REFERENCE STARS
  RT   ASTRONOMICAL COORDINATES
       ASTRONOMICAL PHOTOGRAPHY
       CELESTIAL NAVIGATION
       NAVIGATION AIDS
       SPACE NAVIGATION

% REFERENCE SYSTEMS
  3405
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
```

LISTED BELOW)
RT BIBLIOGRAPHIES
CELESTIAL REFERENCE SYSTEMS
COORDINATES
DOCUMENTATION
INDEXES (DOCUMENTATION)
INERTIAL REFERENCE SYSTEMS
LIBRARIES
SPHERICAL COORDINATES
% SYSTEMS
WISWESSER NOTATIONS

REFERENCES (STANDARDS)
USE STANDARDS

REFILLING
3407
GS FILLING
#REFILLING
RT % LOADING
REPLENISHMENT

REFINING
0602 0604 1504 1704
GS #REFINING
.ELECTROREFINING
.ELECTROSLAG REFINING
RT ALKYLATION
BENEFICIATION
CHEMICAL FRACTIONATION
CLEAN FUELS
CLEANING
% CONVERSION
CRYSTALLIZATION
DESULFURIZING
DEWAXING
DISTILLATION
DROP TRANSFER
ENERGY POLICY
ENRICHMENT
EXTRACTION
FRACTIONATION
HYDROGENATION
HYDROMETALLURGY
ISOMERIZATION
MATERIALS RECOVERY
POLYMERIZATION
% PROCESSING
PURIFICATION
PYROMETALLURGY
RECTIFICATION
RECYCLING
% REDUCTION
% SEPARATION
SMELTING
SUBLIMATION
UPGRADING
ZONE MELTING

REFLECTANCE
2306 2310
UF REFLECTION COEFFICIENT
REFLECTIVITY
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
.#REFLECTANCE
...BIDIRECTIONAL REFLECTANCE
...SPECTRAL REFLECTANCE
RT ABSORPTANCE
ALBEDO
ATTENUATION COEFFICIENTS
BIREFRINGENCE
BISTATIC REFLECTIVITY
BRIGHTNESS
COARSENESS
COSMIC RAY ALBEDO
EARTH ALBEDO
FLOW COEFFICIENTS
GEOMETRICAL THEORY OF DIFFRACTION
LUSTER
OPTICAL MEASUREMENT
OPTICAL REFLECTION
PHOTOMETRY
RAY TRACING
REFLECTION
REFLECTOMETERS
SURFACE PROPERTIES
SURFACE ROUGHNESS EFFECTS
TRANSMITTANCE
VEGETATIVE INDEX

REFLECTED RADIATION
USE REFLECTED WAVES

REFLECTED RAYS
USE REFLECTED WAVES

REFLECTED WAVES
0705 0710 2306 2310
UF REFLECTED RADIATION
REFLECTED RAYS
RT CORPUSCULAR RADIATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
INCIDENT RADIATION
OPTICAL REFLECTION
PHOTON BEAMS
% RADIATION
REFRACTED WAVES
RETROREFLECTION
WAVE REFLECTION

REFLECTING TELESCOPES
1412 2306 3001
GS TELESCOPES
#REFLECTING TELESCOPES
..LARGE DEPLOYABLE REFLECTOR
..STARSAT TELESCOPE
RT CASSEGRAIN OPTICS
MIRRORS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
PARABOLOID MIRRORS
REFLECTORS
SCHMIDT TELESCOPES
SPECTROSCOPIC TELESCOPES
STRATOSCOPE TELESCOPES

REFLECTION
0705 0710 2305 2307 2310 2402 2405
GS #REFLECTION
.INFRARED REFLECTION
.OPTICAL REFLECTION
.RETROREFLECTION
.SIGNAL REFLECTION
.SPECULAR REFLECTION
.SPREAD REFLECTION
.ULTRAVIOLET REFLECTION
.WAVE REFLECTION
..MACH REFLECTION
RT BIDIRECTIONAL REFLECTANCE
BREWSTER ANGLE
DEFLECTION
DIFFUSION
ECHELETTE GRATINGS
ECHELLE GRATINGS
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC RADIATION
IMPINGEMENT
LAMBERT SURFACE
LIGHT (VISIBLE RADIATION)
% OPTICS
REFLECTANCE
REFRACTION
SCATTERING
TRANSMISSION
ZERO SOUND

REFLECTION COEFFICIENT
USE REFLECTANCE

REFLECTION NEBULAE
3009
GS CELESTIAL BODIES
.NEBULAE

.#REFLECTION NEBULAE
RT COSMIC DUST
INTERSTELLAR MATTER
LIGHT SCATTERING

REFLECTIVITY
USE REFLECTANCE

REFLECTOMETERS
1002 1406 2310 3501
GS MEASURING INSTRUMENTS
.OPTICAL MEASURING INSTRUMENTS
.#REFLECTOMETERS
...MICROWAVE REFLECTOMETERS
OPTICAL EQUIPMENT
.OPTICAL MEASURING INSTRUMENTS
.#REFLECTOMETERS
...MICROWAVE REFLECTOMETERS
RT COMPARATORS
DIRECTORS (ANTENNA ELEMENTS)
OPTICAL MEASUREMENT
PHOTOMETERS
REACTOR CORES
REFLECTANCE
REFLECTOR ANTENNAS
SCHELKUNOFF PRINCIPLE
TWO REFLECTOR ANTENNAS
ULTRAVIOLET REFLECTION

REFLECTOR ANTENNAS
0701 0901
GS ANTENNAS
.DIRECTIONAL ANTENNAS
.#REFLECTOR ANTENNAS
...PARABOLIC ANTENNAS
...TWO REFLECTOR ANTENNAS
RT ANTENNA FEEDS
ANTENNA RADIATION PATTERNS
CASSEGRAIN ANTENNAS
MICROWAVE ANTENNAS
MULTIBEAM ANTENNAS
PARABOLIC REFLECTORS
RADAR ANTENNAS
RADAR CORNER REFLECTORS
RADAR REFLECTORS
RADIO ANTENNAS
REFLECTOMETERS
REFLECTORS
SUBREFLECTORS

REFLECTOR SATELLITES
USE PASSIVE SATELLITES

REFLECTORS
0710 0901 1412 1504 2311
GS #REFLECTORS
.FRESNEL REFLECTORS
.PARABOLIC REFLECTORS
..PARABOLOID MIRRORS
.RADAR REFLECTORS
..RADAR CORNER REFLECTORS
.RETROREFLECTORS
.SOLAR REFLECTORS
..SOLAR COLLECTORS
..SOLETTAS
.WIGGLER MAGNETS
RT ANTENNAS
ATTENUATORS
BAFFLES
CEILINGS (ARCHITECTURE)
DEFLECTORS
DIRECTORS (ANTENNA ELEMENTS)
ETALONS
HELIOSTATS
LARGE DEPLOYABLE REFLECTOR
MIRRORS
PARASITIC ELEMENTS (ANTENNAS)
PLASMA CORE REACTORS
RADIATION SHIELDING
REACTOR CORES
REFLECTING TELESCOPES
REFLECTOR ANTENNAS
SCHELKUNOFF PRINCIPLE
SUBREFLECTORS
TELESCOPES
TWO REFLECTOR ANTENNAS

REFLEXES
0408
GS #REFLEXES
.CAROTID SINUS REFLEX
.CONDITIONED REFLEXES
.RESPIRATORY REFLEXES
..COUGH
..HERING-BREVER REFLEX
..SNEEZING
.VESTIBULAR NYSTAGMUS
RT DECONDITIONING
REACTION TIME
VASOCONSTRICTION
VASODILATION

REFORESTATION
0404
GS MANAGEMENT
.RESOURCES MANAGEMENT
..FOREST MANAGEMENT
..#REFORESTATION
RT FORESTS
TIMBER INVENTORY

REFRACTED RADIATION
USE REFRACTED WAVES

REFRACTED RAYS
USE REFRACTED WAVES

REFRACTED WAVES
2306 2310 2902
UF REFRACTED RADIATION
REFRACTED RAYS
RT CORPUSCULAR RADIATION
EIKONAL EQUATION
ELASTIC WAVES
ELECTROMAGNETIC RADIATION
INCIDENT RADIATION
PHOTON BEAMS
REFLECTED WAVES
REFRACTION
% WAVES

REFRACTING TELESCOPES
1412 2310 3001
GS TELESCOPES
#REFRACTING TELESCOPES
RT LENSES
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
SPECTROSCOPIC TELESCOPES
STRATOSCOPE TELESCOPES

REFRACTION
2310 2311 3401
GS #REFRACTION
.ATMOSPHERIC REFRACTION
..RADIO WAVE REFRACTION
.BIREFRINGENCE
..KERR ELECTROOPTICAL EFFECT
RT ASPHERICITY
ASTIGMATISM
% CONDUCTION
DEFLECTION
DIFFRACTION
DISTORTION
DIVERGENCE
HUYGENS PRINCIPLE
ISOCHROMATICS
LENSES
LIGHT (VISIBLE RADIATION)
PHOTOELASTICITY
PRISMS
REFLECTION
REFRACTED WAVES
REFRACTIVITY
SINKING

```
      SNELLS LAW
      TRANSMISSION
      VOIGT EFFECT
      WAVE DISPERSION
      WAVE PROPAGATION

REFRACTIVE INDEX
  USE  REFRACTIVITY

REFRACTIVITY
  0710 2310 2402 2902 3408
  UF   REFRACTIVE INDEX
  GS   ELECTROMAGNETIC PROPERTIES
       .OPTICAL PROPERTIES
       .#REFRACTIVITY
  RT   ATMOSPHERIC REFRACTION
       BIREFRINGENCE
       BIREFRINGENT COATINGS
       BIREFRINGENT FILTERS
       BREWSTER ANGLE
       GRADIENT INDEX OPTICS
       ISOTROPISM
       LIGHT (VISIBLE RADIATION)
       OPACITY
       OPTICAL THICKNESS
       POLARIZATION (WAVES)
       RATIOS
       REFRACTION
       REFRACTOMETERS
       SNELLS LAW
       UNDERWATER OPTICS

REFRACTOMETERS
  1406 1707 2310 3501
  GS   MEASURING INSTRUMENTS
       .OPTICAL MEASURING INSTRUMENTS
       .#REFRACTOMETERS
       OPTICAL EQUIPMENT
       .OPTICAL MEASURING INSTRUMENTS
       .#REFRACTOMETERS
  RT   GONIOMETERS
       OPTICAL MEASUREMENT
       REFRACTIVITY

REFRACTORIES
  0602 2701 2702 2801 2805 2808 3203
  3301 3303 3304 3305
  GS   REFRACTORY MATERIALS
       #REFRACTORIES
  RT   CERAMICS
       CERMETS
       COMBUSTION CHAMBERS
       FORSTERITE
       FURNACES
       HEARTHS
       MORTARS (MATERIAL)
       REFRACTORY COATINGS
       ROCKET ENGINES
       ROCKET LININGS
       THERMAL INSULATION
       TURBINES

REFRACTORY COATINGS
  1701
  GS   COATINGS
       .PROTECTIVE COATINGS
       .#REFRACTORY COATINGS
  RT   CERAMICS
       PYROLYTIC MATERIALS
       REFRACTORIES
       THERMAL INSULATION

REFRACTORY MATERIALS
  1701 1704 1801 2310
  UF   HIGH MELTING COMPOUNDS
       HIGH TEMPERATURE MATERIALS
       PYROGRAPHALLOY
  GS  #REFRACTORY MATERIALS
       .LUDOX (TRADEMARK)
       .PORCELAIN
       .REFRACTORIES
       .REFRACTORY METAL ALLOYS
       ..MOLYBDENUM ALLOYS
       ...RENE 41
       ...RENE 63
       ...RENE 77
       ..NIOBIUM ALLOYS
       ..OSMIUM ALLOYS
       ..RHENIUM ALLOYS
       ..TANTALUM ALLOYS
       ..TUNGSTEN ALLOYS
       .REFRACTORY METALS
       ..CHROMIUM
       ...CHROMIUM ISOTOPES
       ..IRIDIUM
       ...IRIDIUM ISOTOPES
       ..MOLYBDENUM
       ..NIOBIUM
       ...NIOBIUM ISOTOPES
       ....NIOBIUM 95
       ..OSMIUM
       ...OSMIUM ISOTOPES
       ..RHENIUM
       ...RHENIUM ISOTOPES
       ..TANTALUM
       ...TANTALUM ISOTOPES
       ..TUNGSTEN
       ..TUNGSTEN ISOTOPES
  RT   ABLATIVE MATERIALS
       CARBIDES
       CARBORUNDUM (TRADEMARK)
       CERAMICS
       CERMETS
     % CHEMICAL COMPOUNDS
       CLAYS
       HIGH TEMPERATURE RESEARCH
     % INORGANIC MATERIALS
     % MATERIALS
     % METAL COMPOUNDS
       NONFLAMMABLE MATERIALS
       NOZZLE WALLS
       PYROLYTIC MATERIALS
       SCOTCHLITE (TRADEMARK)
       SIALON

REFRACTORY METAL ALLOYS
  0710 1704
  GS   ALLOYS
       .HEAT RESISTANT ALLOYS
       .#REFRACTORY METAL ALLOYS
       ...MOLYBDENUM ALLOYS
       ....RENE 41
       ....RENE 63
       ....RENE 77
       ...NIOBIUM ALLOYS
       ...OSMIUM ALLOYS
       ...RHENIUM ALLOYS
       ...TANTALUM ALLOYS
       ...TUNGSTEN ALLOYS
       REFRACTORY MATERIALS
       #REFRACTORY METAL ALLOYS
       ..MOLYBDENUM ALLOYS
       ...RENE 41
       ...RENE 63
       ...RENE 77
       ..NIOBIUM ALLOYS
       ..OSMIUM ALLOYS
       ..RHENIUM ALLOYS
       ..TANTALUM ALLOYS
       ..TUNGSTEN ALLOYS

REFRACTORY METALS
  1703 1704
  GS   METALS
       #REFRACTORY METALS
       ..CHROMIUM
       ...CHROMIUM ISOTOPES
       ..IRIDIUM
       ...IRIDIUM ISOTOPES
       ..MOLYBDENUM
       ..NIOBIUM
       ...NIOBIUM ISOTOPES
       ....NIOBIUM 95
       ..OSMIUM
       ...OSMIUM ISOTOPES
```

..RHENIUM
...RHENIUM ISOTOPES
..TANTALUM
...TANTALUM ISOTOPES
..TUNGSTEN
..TUNGSTEN ISOTOPES
REFRACTORY MATERIALS
#REFRACTORY METALS
..CHROMIUM
...CHROMIUM ISOTOPES
..IRIDIUM
...IRIDIUM ISOTOPES
..MOLYBDENUM
..NIOBIUM
...NIOBIUM ISOTOPES
....NIOBIUM 95
..OSMIUM
...OSMIUM ISOTOPES
..RHENIUM
...RHENIUM ISOTOPES
..TANTALUM
...TANTALUM ISOTOPES
..TUNGSTEN
..TUNGSTEN ISOTOPES
RT HEAT RESISTANT ALLOYS
TRANSITION METALS

REFRACTORY PERIOD
0710 2306 2309 2402
RT REACTION TIME
% RELAXATION
RESPONSES
TIME LAG

REFRASIL (TRADEMARK)
USE FIBERS
SILICON DIOXIDE

REFRIGERANTS
1803 2303 3303
RT ABSORBERS (MATERIALS)
ABSORPTION COOLING
AIR CONDITIONING
AMMONIA
BRINES
COOLANTS
COOLING SYSTEMS
FLUOROHYDROCARBONS
FREON
ICE
REFRIGERATING
REFRIGERATING MACHINERY
REFRIGERATORS
SOLID NITROGEN

REFRIGERATING
1803 2303 3303 0504
RT AIR CONDITIONING
AIR COOLING
COLD TRAPS
CONDENSING
COOLERS
COOLING
COOLING SYSTEMS
CRYOGENIC COOLING
CRYOGENIC EQUIPMENT
CRYOGENICS
DEFROSTING
DEHUMIDIFICATION
FREEZING
FREON
FROZEN FOODS
HUMIDITY
LOW TEMPERATURE
MAGNETIC COOLING
PRESERVING
REFRIGERANTS
REFRIGERATORS
TEMPERATURE
TEMPERATURE CONTROL
TEMPERATURE DISTRIBUTION
THERMOELECTRIC COOLING
VENTILATION

REFRIGERATING MACHINERY
1803 2303 3303 3404
GS #REFRIGERATING MACHINERY
.REFRIGERATORS
RT ABSORBERS (EQUIPMENT)
AIR CONDITIONING
AIR CONDITIONING EQUIPMENT
BLOWERS
COMPRESSORS
CONDENSERS (LIQUEFIERS)
COOLERS
COOLING SYSTEMS
CRYOGENIC EQUIPMENT
EVAPORATORS
HEAT PUMPS
% MACHINERY
REFRIGERANTS
TEMPERATURE CONTROL
THERMOELECTRIC COOLING

REFRIGERATORS
1504 1803 2303 3303
GS REFRIGERATING MACHINERY
#REFRIGERATORS
RT COOLERS
DEFROSTING
REFRIGERANTS
REFRIGERATING

REFSAT
1901
GS ARTIFICIAL SATELLITES
.NAVIGATION SATELLITES
.#REFSAT
RT NAVSTAR SATELLITES
SYNCHRONOUS SATELLITES

REFUELING
0302 1102
UF FUELING
GS #REFUELING
.AIR TO AIR REFUELING
RT AIRCRAFT HAZARDS
FLIGHT OPERATIONS
FUEL CONSUMPTION
FUEL CONTAMINATION
FUEL CONTROL
FUEL SYSTEMS
GROUND SUPPORT EQUIPMENT
PREFLIGHT OPERATIONS
PROPELLANT TRANSFER
REPLENISHMENT
RETRACTABLE EQUIPMENT

% REGENERATION
0403 0404 0408
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT REGENERATION (ENGINEERING)
REGENERATION (PHYSIOLOGY)

REGENERATION (ENGINEERING)
2311 3404
UF REGENERATIVE CYCLES
RT % GENERATION
POSITIVE FEEDBACK
RECLAMATION
% REGENERATION

REGENERATION (PHYSIOLOGY)
0403 0404 0408
UF BIOREGENERATION
RT PHYSIOLOGY
% REGENERATION

REGENERATIVE COOLING
1803 2808 3303 3501
GS COOLING
#REGENERATIVE COOLING
RT HEAT EXCHANGERS

```
        PRECOOLING
        REGENERATORS

REGENERATIVE CYCLES
  USE   REGENERATION (ENGINEERING)

REGENERATIVE FEEDBACK
  USE   POSITIVE FEEDBACK

REGENERATIVE FUEL CELLS
  0302 0602 3304
  GS    ELECTRIC GENERATORS
        .DIRECT POWER GENERATORS
        ..FUEL CELLS
        ..#REGENERATIVE FUEL CELLS
        ELECTROCHEMICAL CELLS
        .FUEL CELLS
        .#REGENERATIVE FUEL CELLS
  RT    BIOCHEMICAL FUEL CELLS
        PHOSPHORIC ACID FUEL CELLS
        STORAGE BATTERIES

REGENERATORS
  2806 3303 3501
  UF    RECUPERATORS
  GS   #REGENERATORS
        .THERMOSIPHONS
  RT    ENERGY STORAGE
        HEAT EXCHANGERS
        HEAT SINKS
        REGENERATIVE COOLING
        TUBE HEAT EXCHANGERS

REGGE POLES
  2311 2401 2402 2403 2405
  RT    ANGULAR MOMENTUM
     %  POLES
        POMERANCHUK THEOREM
        POMERONS
        SCATTERING CROSS SECTIONS

REGIMES
  3403
  RT    COMMUNITIES
        CULTURE (SOCIAL SCIENCES)
        ENVIRONMENTS
        GOVERNMENTS
        NATIONS
        POLITICS

REGIONAL PLANNING
  3406
  GS    PLANNING
        #REGIONAL PLANNING
        ..URBAN PLANNING
  RT    CONSERVATION
        FARMLANDS
        FOREST MANAGEMENT
        FORESTS
        HARBORS
        HIGHWAYS
        INDUSTRIAL AREAS
        LAKES
        LAND MANAGEMENT
        MEGALOPOLISES
        PARKS
        RESIDENTIAL AREAS
        RURAL AREAS
        RURAL LAND USE
        ST LOUIS-KANSAS CITY CORRIDOR (MO)
        SUBURBAN AREAS
        URBAN DEVELOPMENT
        URBAN TRANSPORTATION

REGIONS
  1305 3406
  UF    ZONES
  GS   #REGIONS
        .AURORAL ZONES
        .BRILLOUIN ZONES
        .CENTRAL ATLANTIC REGION (US)
        .D REGION
        .E REGION
        ..E-1 LAYER
        ..E-2 LAYER
        ..SPORADIC E LAYER
        .EQUATORIAL REGIONS
        .F REGION
        ..F 1 REGION
        ..F 2 REGION
        .FRESNEL REGION
        .GUTENBERG ZONE
        .HABITATS
        .INTERTROPICAL CONVERGENT ZONES
        .LUMBAR REGION
        .M REGION
        .NEW ENGLAND (US)
        .NULL ZONES
        .PACIFIC NORTHWEST (US)
        .PANAMA CANAL ZONE
        .PELAGIC ZONE
        .POLAR REGIONS
        ..ANTARCTIC REGIONS
        ...MCMURDO SOUND
        ...ROSS ICE SHELF
        ..ARCTIC REGIONS
        .REMOTE REGIONS
        ..ANTARCTIC REGIONS
        ..ARCTIC REGIONS
        .SAND HILLS REGION (GA-NC-SC)
        .SAND HILLS REGION (NE)
        .SCIATIC REGION
        .SOUTHEAST ASIA
        .SOUTHERN CALIFORNIA
        .SOUTHERN YEMEN
        .SUBARCTIC REGIONS
        .TEMPERATE REGIONS
        .TROPICAL REGIONS
        ..AMAZON REGION (SOUTH AMERICA)
  RT    ASTEROID BELTS
     %  BELTS
        BOUNDARIES
        CENTRAL AMERICA
        EARTH IONOSPHERE
     %  LAYERS
        RECOVERY ZONES
     %  SECTORS
        SITES

% REGISTERS
  0801 1001
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    REGISTERS (AIR CIRCULATION)
        REGISTERS (COMPUTERS)

REGISTERS (AIR CIRCULATION)
  1504
  RT    COOLING SYSTEMS
     %  REGISTERS

REGISTERS (COMPUTERS)
  0801 1001
  GS    COMPUTER STORAGE DEVICES
        #REGISTERS (COMPUTERS)
        ..ACCUMULATORS (COMPUTERS)
  RT    CENTRAL PROCESSING UNITS
     %  RECORDERS
     %  REGISTERS
        SHIFT REGISTERS

REGOLITH
  3004 1306
  GS    ROCKS
        #REGOLITH
  RT    BASALT
        BEDROCK
        BRECCIA
        CARBONACEOUS ROCKS
        COAL
        EARTH MANTLE
        EARTH RESOURCES
        ENSTATITE
        GEOLOGY
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      IGNEOUS ROCKS
      LAVA
      LITHOLOGY
      LUNAR GEOLOGY
      LUNAR MANTLE
      LUNAR ROCKS
      MAGMA
      OLIVINE
      PERIDOTITE
      PYROXENES
      ROCK INTRUSIONS
      SELENOLOGY
      STRATIGRAPHY

REGRESSION (STATISTICS)
  USE  REGRESSION ANALYSIS

REGRESSION ANALYSIS
  0410 1902 1905
  UF   REGRESSION (STATISTICS)
  GS   STATISTICAL ANALYSIS
       .VARIANCE (STATISTICS)
       ..MULTIVARIATE STATISTICAL ANALYSIS
       ..#REGRESSION ANALYSIS
  RT   AUTOREGRESSIVE PROCESSES
       CLUMPS
       CORRELATION
       COVARIANCE
       EXPERIMENT DESIGN
       FACTOR ANALYSIS
       FORECASTING
       LEAST SQUARES METHOD
       QUALITY CONTROL
       SIGNIFICANCE
       STATISTICAL TESTS
       VARIABILITY

REGRESSION COEFFICIENTS
  1902 1905
  GS   COEFFICIENTS
       #REGRESSION COEFFICIENTS
  RT   CORRELATION
       FORECASTING
       MATHEMATICAL MODELS
       QUALITY CONTROL

REGULARITY
  0408 3408
  RT   CONTINUITY (MATHEMATICS)
       CONVERGENCE
       IRREGULARITIES
     % NORMALIZING
     % PATTERNS
       PERIODIC VARIATIONS
       PHYSIOLOGY
     % PROPERTIES
       TREND ANALYSIS

REGULATION
  USE  CONTROL

REGULATIONS
  3403
  RT   AIR LAW
       ALLOWANCES
     % CONTROL
       COPYRIGHTS
       CRIME
       LAW (JURISPRUDENCE)
       LIABILITIES
       LICENSING
       PATENT POLICY
       PENALTIES
       POLICE
       POLICIES
       PROCUREMENT POLICY
       PROHIBITION
       RULES

REGULATORS
  1003
  SN   (LIMITED TO DEVICES)
  GS  #REGULATORS
       .CURRENT REGULATORS
       .FLOW REGULATORS
       ..FUEL FLOW REGULATORS
       .FREQUENCY CONTROL
       ..AUTOMATIC FREQUENCY CONTROL
       .GIBBERELLINS
       .OXYGEN REGULATORS
       .PRESSURE REGULATORS
       .RELIEF VALVES
       .SPEED REGULATORS
       .THERMOSTATS
       .VOLTAGE REGULATORS
  RT   ACTUATORS
       AUTOMATIC CONTROL
       AUTOMATIC CONTROL VALVES
     % CONTROL
       CONTROLLERS
       CRYOSTATS
       SPEED CONTROL

REGULATORY MECHANISMS (BIOLOGY)
  0506
  SN   (RESTRICTED TO THE REGULATION OF
       PHYSIOLOGICAL AND PHYSIOCHEMICAL
       PROCESSES--EXCLUDES ECOLOGICAL,
       GENETIC, OR BIOTECHNOLOGICAL
       REGULATION)
  RT   BIOCONTROL SYSTEMS
       CALMODULIN
     % CONTROL
       HORMONES
       THERMOREGULATION

REGULUS MISSILE
  3101 3401
  GS   MISSILES
       .SURFACE TO SURFACE MISSILES
       .#REGULUS MISSILE
  RT   SOLID PROPELLANT ROCKET ENGINES
       TURBOJET ENGINES

REHEATING
  USE  HEATING

REIGNITION
  USE  IGNITION

REINFORCED PLASTICS
  1809 3202
  GS   COMPOSITE MATERIALS
       .POLYMER MATRIX COMPOSITES
       .#REINFORCED PLASTICS
       ...CARBON FIBER REINFORCED PLASTICS
       ...GLASS FIBER REINFORCED PLASTICS
       ...MICARTA
       PLASTICS
       #REINFORCED PLASTICS
       ..CARBON FIBER REINFORCED PLASTICS
       ..GLASS FIBER REINFORCED PLASTICS
       ..MICARTA
  RT   AIRCRAFT SURVIVABILITY
       ARAMID FIBER COMPOSITES
       ARAMID FIBERS
       BORON FIBERS
       BORON REINFORCED MATERIALS
       FIBER COMPOSITES
       GRAPHITE-EPOXY COMPOSITES
       HYBRID COMPOSITES
       LAMINATES
       REINFORCEMENT (STRUCTURES)
       THERMOSETTING RESINS

REINFORCED PLATES
  3202 3203
  GS   STRUCTURAL MEMBERS
       .PLATES (STRUCTURAL MEMBERS)
       .#REINFORCED PLATES
  RT   ANISOTROPIC PLATES
       CORRUGATED PLATES
       LAMINATES
       PLASTIC PLATES
       REINFORCEMENT (STRUCTURES)
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REINFORCED SHELLS
  0201 3202 3203
  GS   SHELLS (STRUCTURAL FORMS)
       #REINFORCED SHELLS
  RT   ANISOTROPIC SHELLS
       CORRUGATED SHELLS
       CYLINDRICAL SHELLS
       FLUID FILLED SHELLS
       HEMISPHERICAL SHELLS
       LIQUID FILLED SHELLS
       METAL SHELLS
       ORTHOTROPIC SHELLS
       PLASTIC SHELLS
       REINFORCEMENT (STRUCTURES)
       REINFORCEMENT RINGS
       SHELL STABILITY
       SPHERICAL SHELLS
       THIN WALLED SHELLS
       TOROIDAL SHELLS
       WIND TUNNEL WALLS

% REINFORCEMENT
  3203 3406 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   REINFORCEMENT (PSYCHOLOGY)
       REINFORCEMENT (STRUCTURES)

REINFORCEMENT (PSYCHOLOGY)
  0410
  GS  #REINFORCEMENT (PSYCHOLOGY)
       .REWARD (PSYCHOLOGY)
  RT   LEARNING
       MOTIVATION
     % REINFORCEMENT
       SELF STIMULATION

REINFORCEMENT (STRUCTURES)
  3203
  RT   BULKHEADS
       COMPOSITE MATERIALS
       FILLERS
       LONGERONS
       REINFORCED PLASTICS
       REINFORCED PLATES
       REINFORCED SHELLS
     % REINFORCEMENT
       REINFORCEMENT RINGS
       RIBS (SUPPORTS)
       RIGID STRUCTURES
       RING STRUCTURES
       STIFFENING
       STRAKES
       STRINGERS
       STRUCTURAL MEMBERS
       STRUCTURAL STABILITY
       STRUCTURAL STRAIN
       SUPPORTS
       THICK WALLS
       WIRE
       WIRE CLOTH

REINFORCEMENT RINGS
  3202 3203
  GS   RING STRUCTURES
       #REINFORCEMENT RINGS
  RT   REINFORCED SHELLS
       REINFORCEMENT (STRUCTURES)
       RIBS (SUPPORTS)
     % RINGS

REINFORCING FIBERS
  1507 1704 1811 3202
  GS   FIBERS
       #REINFORCING FIBERS
       ..ARAMID FIBERS
       ..BORON FIBERS
       ..CARBON FIBERS
  RT   BORON REINFORCED MATERIALS
       BRAIDED COMPOSITES
       CARBON FIBER REINFORCED PLASTICS
       CARBON-CARBON COMPOSITES
       CERAMIC FIBERS
       CERAMIC MATRIX COMPOSITES
       COMPOSITE MATERIALS
       DACRON (TRADEMARK)
       DEBONDING (MATERIALS)
       FIBER COMPOSITES
       FIBER ORIENTATION
       FIBER VOLUME FRACTION
       GLASS FIBER REINFORCED PLASTICS
       GLASS FIBERS
       GRAPHITE-EPOXY COMPOSITES
       HYBRID COMPOSITES
       LAY-UP
       METAL FIBERS
       METAL MATRIX COMPOSITES
       MICROMECHANICS
       REINFORCING MATERIALS
       RESIN TRANSFER MOLDING
       SUPERHYBRID MATERIALS
       SYNTHETIC FIBERS
       WHISKER COMPOSITES
       WOVEN COMPOSITES

REINFORCING MATERIALS
  1801
  RT   ARAMID FIBERS
       COMPOSITE MATERIALS
       FABRICS
       FIBER COMPOSITES
       FIBERS
     % FILAMENTS
     % MATERIALS
       MATRIX MATERIALS
       PARTICULATE REINFORCED COMPOSITES
       REINFORCING FIBERS

REISSNER THEORY
  3203
  RT   PLATES (STRUCTURAL MEMBERS)
       STRESS ANALYSIS
     % THEORIES

REISSNER-NORDSTROM SOLUTION
  1902 3009
  RT   ASTRONOMICAL MODELS
       BLACK HOLES (ASTRONOMY)
       CHARGED PARTICLES
       GRAVITATIONAL EFFECTS
       RELATIVITY

REJECTION
  1505 3404 3407
  RT   ACCEPTABILITY
       ELIMINATION
       EVALUATION
       EXCLUSION
       REMOVAL
       SELECTION

% RELATIONSHIPS
  0410 1902 3406
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  UF   INTERRELATIONSHIPS
  RT   APPROXIMATION
       DUALITY THEOREM
       HOMOLOGY
       STRESS-STRAIN RELATIONSHIPS

RELATIVE BIOLOGICAL EFFECTIVENESS (RBE)
  0401 0408 0411
  UF   RBE
  GS   BIOLOGICAL EFFECTS
       #RELATIVE BIOLOGICAL EFFECTIVENESS
        (RBE)
  RT % BIOLOGY
       PHYSIOLOGICAL EFFECTS

RELATIVISTIC EFFECTS
  2308 2311 3304 3009
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```
  RT   DIMENSIONS
     % EFFECTS
       GRAVITATIONAL LENSES
       MASS
       RELATIVITY
       TIME
       VELOCITY

RELATIVISTIC ELECTRON BEAMS
  2403
  UF   REB
  GS   BEAMS (RADIATION)
       .PARTICLE BEAMS
       ..ELECTRON BEAMS
       ..#RELATIVISTIC ELECTRON BEAMS
       PARTICLES
       .CORPUSCULAR RADIATION
       ..ELECTRON RADIATION
       ...ELECTRON BEAMS
       ...#RELATIVISTIC ELECTRON BEAMS
       .RELATIVISTIC PARTICLES
       .#RELATIVISTIC ELECTRON BEAMS
  RT   BEAM PLASMA AMPLIFIERS
       BETA PARTICLES
       CONTROLLED FUSION
       DIFFRACTION RADIATION
       ELECTRON BOMBARDMENT
       ELECTRON SCATTERING
       INERTIAL FUSION (REACTOR)
       IONIZING RADIATION
       PLASMA HEATING
       PLASMA JETS
       PLASMA-PARTICLE INTERACTIONS

RELATIVISTIC PARTICLES
  2308 2403 3009
  GS   PARTICLES
       #RELATIVISTIC PARTICLES
       ..RELATIVISTIC ELECTRON BEAMS
  RT   HAMILTON-JACOBI EQUATION

RELATIVISTIC PLASMAS
  2308 2403 2502 3009
  GS   PARTICLES
       .CHARGED PARTICLES
       ..ENERGETIC PARTICLES
       ...PLASMAS (PHYSICS)
       ...#RELATIVISTIC PLASMAS
  RT   ASTRON THERMONUCLEAR REACTOR
       BREMSSTRAHLUNG
       COSMIC PLASMA
       ELECTRON PLASMA
       ELECTRON-POSITRON PLASMAS
       GRAVITATIONAL COLLAPSE
       HIGH TEMPERATURE PLASMAS
       PINCH EFFECT
       PLASMA JETS
       PLASMA RADIATION
       PLASMA-PARTICLE INTERACTIONS
       PONDEROMOTIVE FORCES

RELATIVISTIC THEORY
  2308 2403
  UF   WIGHTMAN THEORY
  RT % THEORIES

RELATIVISTIC VELOCITY
  2308 2403 3009
  GS   RATES (PER TIME)
       #RELATIVISTIC VELOCITY
       VELOCITY
       #RELATIVISTIC VELOCITY
  RT   HIGH SPEED
     % HYPERVELOCITY
       LIGHT SPEED
       PARTICLE MOTION

RELATIVITY
  1902 2308 2311 3009
  UF   GEOMETRODYNAMICS
       SPACE-TIME CONTINUUM
  RT   BIG BANG COSMOLOGY
       CONTINUUMS
       DIFFERENTIAL GEOMETRY
       EVENT HORIZON
       FIELD THEORY (PHYSICS)
       GRAND UNIFIED THEORY
       GRAVITATIONAL LENSES
       GRAVITY PROBE B
       INERTIAL REFERENCE SYSTEMS
       LIGHT-CONE EXPANSION
       LORENTZ CONTRACTION
       NAKED SINGULARITIES
       NONRELATIVISTIC MECHANICS
       PARADOXES
       PONDEROMOTIVE FORCES
       QUANTUM MECHANICS
       REISSNER-NORDSTROM SOLUTION
       RELATIVISTIC EFFECTS
       SCHWARZSCHILD METRIC
       SPACE-TIME FUNCTIONS
       STRING THEORY
       SUPERGRAVITY
       TENSOR ANALYSIS
       UNIFIED FIELD THEORY

% RELAXATION
  2308 2401 2404 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CROSS RELAXATION
       MOLECULAR RELAXATION
       REFRACTORY PERIOD
       RELAXATION (MECHANICS)
       RELAXATION (PHYSIOLOGY)
       RELAXATION METHOD (MATHEMATICS)

RELAXATION (MECHANICS)
  2401 2404
  GS   #RELAXATION (MECHANICS)
       .SPIN-LATTICE RELAXATION
       .STRESS RELAXATION
  RT % EQUILIBRIUM
       EXPANSION
       MAGNETIC RELAXATION
       MOLECULAR RELAXATION
       NUCLEAR RELAXATION
     % REDUCTION
       RELAXATION METHOD (MATHEMATICS)
       RELAXATION TIME
       RESIDUAL STRESS
       STRAIN ENERGY RELEASE RATE
       VISCOELASTICITY
       VISCOPLASTICITY

RELAXATION (PHYSIOLOGY)
  0408
  RT   COMPRESSIBILITY EFFECTS
       MASSAGING
       RECREATION
     % RELAXATION
       WORK-REST CYCLE

RELAXATION METHOD (MATHEMATICS)
  2308 3203 3501
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       ..APPROXIMATION
       ..#RELAXATION METHOD (MATHEMATICS)
  RT   COMPUTATIONAL FLUID DYNAMICS
     % METHODOLOGY
     % RELAXATION
       RELAXATION (MECHANICS)

RELAXATION OSCILLATORS
  0904
  GS   OSCILLATORS
       #RELAXATION OSCILLATORS
       ..PHANTASTRONS

RELAXATION TIME
  2307 2308 3203
  GS   TIME
       #RELAXATION TIME
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  RT % EQUILIBRIUM
       EXCITATION
       MAXWELL BODIES
       MOLECULAR RELAXATION
       SPIN-LATTICE RELAXATION
       TIME CONSTANT

% RELAY
  0904 0905 0702
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   DISCONNECT DEVICES
       ELECTRIC CONTACTS
       ELECTRIC RELAYS
       LOGIC CIRCUITS
       RADIO RELAY SYSTEMS
       REPEATERS

RELAY SATELLITES
  0702 0706 3107
  GS   ARTIFICIAL SATELLITES
       .COMMUNICATION SATELLITES
       .#RELAY SATELLITES
       ...RELAY 1 SATELLITE
       ...RELAY 2 SATELLITE
  RT   ADVENT PROJECT
       THOR DELTA LAUNCH VEHICLE
       TRANSOCEANIC COMMUNICATION

RELAY 1 SATELLITE
  0702 0706 3107
  GS   ARTIFICIAL SATELLITES
       .COMMUNICATION SATELLITES
       ..RELAY SATELLITES
       ..#RELAY 1 SATELLITE

RELAY 2 SATELLITE
  0702 0706 3107
  GS   ARTIFICIAL SATELLITES
       .COMMUNICATION SATELLITES
       ..RELAY SATELLITES
       ..#RELAY 2 SATELLITE

RELEASING
  3407
  GS  #RELEASING
       .FIBER RELEASE
  RT   DECOUPLING
     % DISCHARGE
       DISCONNECT DEVICES
       DISPERSING
       DUMPING
       EJECTION
       EMISSION
       EMPTYING
       EXHAUST EMISSION
       MATERIALS HANDLING
       RELIEVING
       SCATTERING
       SPILLING
       UNLOADING
       VENTING

RELIABILITY
  1505 3408 4001
  GS  #RELIABILITY
       .AIRCRAFT RELIABILITY
       .CIRCUIT RELIABILITY
       .COMPONENT RELIABILITY
       .SOFTWARE RELIABILITY
       ..COMPUTER PROGRAM INTEGRITY
       .SPACECRAFT RELIABILITY
       .STRUCTURAL RELIABILITY
  RT   ACCEPTABILITY
       ACCURACY
       AIRCRAFT SURVIVABILITY
       ALLOWANCES
       ASSURANCE
       CENSORED DATA (MATHEMATICS)
       COMPUTER SYSTEMS PERFORMANCE
       CONFIDENCE
       CONFIDENCE LIMITS
       CONSISTENCY
       CUMULATIVE DAMAGE
     % DESIGN
       DESIGN ANALYSIS
       DOWNTIME
       DURABILITY
       DYNAMIC CHARACTERISTICS
       ERRORS
       ESTIMATES
       EXPECTATION
       FAILURE ANALYSIS
       FORECASTING
       MAINTAINABILITY
       MAINTENANCE
       MAXIMUM LIKELIHOOD ESTIMATES
       MECHANICAL PROPERTIES
       MISSILE DESIGN
       MTBF
       NONDESTRUCTIVE TESTS
     % PERFORMANCE
       PERFORMANCE PREDICTION
       PRECISION
       PRELAUNCH PROBLEMS
       PROBABILITY THEORY
       PRODUCT DEVELOPMENT
       PRODUCTION MANAGEMENT
       PRODUCTIVITY
       QUALITY
       QUALITY CONTROL
       REDUNDANCY
       REDUNDANT COMPONENTS
       RISK
       SAFETY FACTORS
       SAMPLING
       SPECIFICATIONS
       STABILITY
       STANDARDS
       STATISTICAL ANALYSIS
       STATISTICAL DISTRIBUTIONS
       STATISTICAL TESTS
     % STATISTICS
       SYSTEM EFFECTIVENESS
       SYSTEMS COMPATIBILITY
       SYSTEMS ENGINEERING
     % TESTS
       TOLERANCES (MECHANICS)
       TOTAL QUALITY MANAGEMENT
       VALIDITY
       VARIABILITY
       VULNERABILITY

RELIABILITY ANALYSIS
  1505 3408
  RT % ANALYZING
       DESIGN ANALYSIS
       PERFORMANCE PREDICTION
       SOFTWARE RELIABILITY
       TREND ANALYSIS

RELIABILITY CONTROL
  USE  QUALITY CONTROL
       RELIABILITY ENGINEERING

RELIABILITY ENGINEERING
  1505 1905 3404 4001
  UF   RELIABILITY CONTROL
  RT   COMPLEX SYSTEMS
     % ENGINEERING
       FAULT DETECTION
       FAULT TOLERANCE
       PERFORMANCE PREDICTION
       QUALITY CONTROL
       SNEAK CIRCUIT ANALYSIS
       SYSTEM EFFECTIVENESS
       SYSTEM IDENTIFICATION
       SYSTEMS COMPATIBILITY
       SYSTEMS ENGINEERING
       TOTAL QUALITY MANAGEMENT
       VALUE ENGINEERING

RELIC RADIATION
  3001
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RT ASTRONOMY
ASTROPHYSICS
BACKGROUND RADIATION
BIG BANG COSMOLOGY
EXTRATERRESTRIAL RADIATION
% RADIATION
UNIVERSE

RELIEF MAPS
1303 1305 3001
GS MAPS
#RELIEF MAPS
RT HYPSOGRAPHY
PHOTOGRAMMETRY
PHOTOMAPS
TOPOGRAPHY

RELIEF VALVES
1504
GS REGULATORS
#RELIEF VALVES
VALVES
.AUTOMATIC CONTROL VALVES
.#RELIEF VALVES
RT AUTOMATIC CONTROL
BYPASSES
FUEL TANK PRESSURIZATION
FUEL VALVES
GAS VALVES
HYDRAULIC EQUIPMENT
PRESSURE REGULATORS
REACTOR SAFETY
VENTING
VENTS

RELIEVING
3407
GS #RELIEVING
.STRESS RELIEVING
RT % DISCHARGE
EXHAUSTING
PURGING
RELEASING

RELOCATION
1502 2002 2103
RT INSTALLING
POSITIONING
REPLACING

RELUCTANCE
0408
UF RELUCTIVITY
GS MAGNETIC PROPERTIES
#RELUCTANCE
RT MAGNETIC PERMEABILITY
MAGNETORESISTIVITY

RELUCTIVITY
USE RELUCTANCE

REMAGNETIZATION
USE MAGNETIZATION

REMANENCE
2307
GS MAGNETIC PROPERTIES
#REMANENCE
RT FLUX DENSITY
PALEOMAGNETISM

REMELTING
USE MELTING

REMODULATION
0702 0705 0710
RT DEMODULATION
INTERMODULATION
MODULATION

REMOTE CONSOLES
0701 0801
GS CONSOLES
#REMOTE CONSOLES
DATA PROCESSING EQUIPMENT
.PERIPHERAL EQUIPMENT (COMPUTERS)
.#REMOTE CONSOLES
RT COMPUTER COMPONENTS
COMPUTER GRAPHICS
DATA LINKS
DATA PROCESSING TERMINALS
DISPLAY DEVICES
PLOTTERS
READOUT

REMOTE CONTROL
1002 1201 1410 2102 3110 3501
UF ELECTROMAGNETIC CONTROL
GS #REMOTE CONTROL
.RADIO CONTROL
RT AIRCRAFT CONTROL
ANTIRADIATION MISSILES
ATTITUDE CONTROL
AUTOMATIC CONTROL
% AUTOMATION
CASCADE CONTROL
% CONTROL
CONTROL BOARDS
CONTROLLERS
DIGITAL COMMAND SYSTEMS
DYNAMIC CHARACTERISTICS
ELECTRIC CONTROL
ELECTRONIC CONTROL
ENGINE CONTROL
FLIGHT CONTROL
GROUND BASED CONTROL
GUIDANCE (MOTION)
HYDRAULIC CONTROL
% INSTRUMENTS
KALMAN-SCHMIDT FILTERING
MANIPULATORS
MANUAL CONTROL
MISSILE CONTROL
OPTICAL CONTROL
PNEUMATIC CONTROL
REMOTE MANIPULATOR SYSTEM
ROCKET ENGINE CONTROL
SATELLITE CONTROL
SERVOCONTROL
SERVOMECHANISMS
SPACECRAFT CONTROL
TELEOPERATORS
TELEROBOTICS
TEMPERATURE CONTROL
TURBOJET ENGINE CONTROL
VISUAL CONTROL

REMOTE HANDLING
1002 1201 1410 3404
UF TELECHIRICS
GS MATERIALS HANDLING
#REMOTE HANDLING
RT MANIPULATORS
PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
TELEOPERATORS

REMOTE MANIPULATOR SYSTEM
3502
GS MANIPULATORS
#REMOTE MANIPULATOR SYSTEM
PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
#REMOTE MANIPULATOR SYSTEM
RT PAYLOAD RETRIEVAL (STS)
REMOTE CONTROL
SPACE MAINTENANCE
SPACE TRANSPORTATION SYSTEM
% SYSTEMS

REMOTE REGIONS
1305
GS REGIONS
#REMOTE REGIONS
..ANTARCTIC REGIONS

..ARCTIC REGIONS
RT DESERTS
MOJAVE DESERT (CA)
OFFSHORE REACTOR SITES
SAHARA DESERT (AFRICA)
WILDERNESS

REMOTE SENSING
1409 1306
GS DETECTION
#REMOTE SENSING
RT AEROMAGNETISM
AIRBORNE RADAR
BAND RATIOING
CHANGE DETECTION
CLUSTER ANALYSIS
COASTAL ZONE COLOR SCANNER
DESERTIFICATION
DIFFERENTIAL ABSORPTION LIDAR
DMSP SATELLITES
EARTH OBSERVING SYSTEM (EOS)
EARTH RESOURCES
FEATURE IDENTIFICATION AND
LOCATION EXPER
FIRE (CLIMATOLOGY)
GEOGRAPHIC INFORMATION SYSTEMS
IMAGE ANALYSIS
IMAGE CLASSIFICATION
IMAGING SPECTROMETERS
IN SITU MEASUREMENT
ISCCP PROJECT
LEAF AREA INDEX
MAPSAT
MULTISENSOR APPLICATIONS
MULTISPECTRAL RESOURCE SAMPLER
OSTA-3 PAYLOAD
PIXELS
PLANETARY GEOLOGY
PLANT STRESS
RECOGNITION
SHUTTLE IMAGING RADAR
SPACE STATION POLAR PLATFORMS
SWATH WIDTH
THEMATIC MAPPERS (LANDSAT)
VEGETATIVE INDEX

REMOTE SENSORS
1409
GS #REMOTE SENSORS
.THEMATIC MAPPERS (LANDSAT)
RT ADVANCED VERY HIGH RESOLUTION
RADIOMETER
AGRISTARS PROJECT
AIRBORNE LASERS
AIRBORNE RADAR
AUTOMATIC WEATHER STATIONS
COASTAL ZONE COLOR SCANNER
CROP IDENTIFICATION
CROP INVENTORIES
DATA ACQUISITION
DATA COLLECTION PLATFORMS
% DETECTORS
EARTH RESOURCES
EARTHNET
EROS (SATELLITES)
FEATURE IDENTIFICATION AND
LOCATION EXPER
GEOGRAPHIC APPLICATIONS PROGRAM
HAZE DETECTION
IMAGE CLASSIFICATION
IMAGING RADAR
MEASURING INSTRUMENTS
MULTISENSOR APPLICATIONS
OCEAN COLOR SCANNER
% PROBES
RADIOMETRIC RESOLUTION
SATELLITE-BORNE INSTRUMENTS
% SENSORS
SPACEBORNE LASERS
TRANSDUCERS
WILDLIFE RADIOLOCATION

REMOTELY PILOTED VEHICLES
0201 1003 2102 2103
UF RPV
RT % AIRCRAFT
DAST PROGRAM
DRONE AIRCRAFT
HIGHLY MANEUVERABLE AIRCRAFT
JINDIVIK TARGET AIRCRAFT
OBLIQUE WINGS
ORBITAL MANEUVERING VEHICLES
PILOTLESS AIRCRAFT
TARGET DRONE AIRCRAFT
VATOL AIRCRAFT
% VEHICLES

REMOVAL
3407
RT ANODIC STRIPPING
CANCELLATION
CARBON DIOXIDE REMOVAL
CLEARING
DELETION
DEPLETION
DISPOSAL
DISSIPATION
EJECTION
EMPTYING
EVACUATING (TRANSPORTATION)
EVACUATING (VACUUM)
EXHAUSTING
EXPULSION
EXTRACTION
MATERIALS RECOVERY
% REDUCTION
REJECTION
% SEPARATION
UNLOADING
WEAR

REMS
USE RAPID EYE MOVEMENT STATE

RENAL CALCULI
USE CALCULI

RENAL FUNCTION
0404 0405
RT % FUNCTIONS
GLOMERULUS
KIDNEYS

RENDEZVOUS
3009 3407
GS #RENDEZVOUS
.SPACE RENDEZVOUS
..ORBITAL RENDEZVOUS
...EARTH ORBITAL RENDEZVOUS
...LUNAR ORBITAL RENDEZVOUS
RT APOLLO SOYUZ TEST PROJECT
FLIGHT MECHANICS
INTERCEPTION
ORBITAL MECHANICS

RENDEZVOUS GUIDANCE
0707 2102 3104 3109
GS GUIDANCE (MOTION)
#RENDEZVOUS GUIDANCE
RT COMMAND GUIDANCE
HOMING DEVICES
INJECTION GUIDANCE
MIDCOURSE GUIDANCE
ORBITAL RENDEZVOUS
SATELLITE GUIDANCE
SPACECRAFT GUIDANCE
TERMINAL GUIDANCE

RENDEZVOUS SPACECRAFT
3104 3107 3110 3502
GS MANEUVERABLE SPACECRAFT
#RENDEZVOUS SPACECRAFT
RT COLUMBUS SPACE STATION
COMMAND GUIDANCE
FERRY SPACECRAFT

```
        INTERPLANETARY SPACECRAFT
        LUNAR SPACECRAFT
        MANNED SPACECRAFT
        MILITARY SPACECRAFT
        ORBITAL RENDEZVOUS
        RECOVERABLE SPACECRAFT
        SPACE CAPSULES
        SPACE STATIONS
        SPACECREW TRANSFER
        UNMANNED SPACECRAFT

RENDEZVOUS TRAJECTORIES
  2102 3006 3009 3110
  GS    TRAJECTORIES
        #RENDEZVOUS TRAJECTORIES
  RT    ASCENT TRAJECTORIES
        CIRCUMLUNAR TRAJECTORIES
        EARTH ORBITAL RENDEZVOUS
        EARTH-MOON TRAJECTORIES
        FLIGHT MECHANICS
        INTERPLANETARY TRAJECTORIES
        ORBITAL MECHANICS
        ORBITAL RENDEZVOUS
        SPACE RENDEZVOUS
        SPACECRAFT DOCKING
        SPACECRAFT TRAJECTORIES

RENE 41
  1701 3305
  GS    ALLOYS
        .CHROMIUM ALLOYS
        .#RENE 41
        .COBALT ALLOYS
        .#RENE 41
        .HEAT RESISTANT ALLOYS
        ..REFRACTORY METAL ALLOYS
        ...MOLYBDENUM ALLOYS
        ...#RENE 41
        .NICKEL ALLOYS
        .#RENE 41
        REFRACTORY MATERIALS
        .REFRACTORY METAL ALLOYS
        ..MOLYBDENUM ALLOYS
        ..#RENE 41
  RT    WROUGHT ALLOYS

RENE 63
  1701 3305
  GS    ALLOYS
        .CHROMIUM ALLOYS
        .#RENE 63
        .COBALT ALLOYS
        .#RENE 63
        .HEAT RESISTANT ALLOYS
        ..REFRACTORY METAL ALLOYS
        ...MOLYBDENUM ALLOYS
        ...#RENE 63
        .NICKEL ALLOYS
        .#RENE 63
        REFRACTORY MATERIALS
        .REFRACTORY METAL ALLOYS
        ..MOLYBDENUM ALLOYS
        ..#RENE 63
  RT    WROUGHT ALLOYS

RENE 77
  1701 3305
  GS    ALLOYS
        .CHROMIUM ALLOYS
        .#RENE 77
        .COBALT ALLOYS
        .#RENE 77
        .HEAT RESISTANT ALLOYS
        ..REFRACTORY METAL ALLOYS
        ...MOLYBDENUM ALLOYS
        ...#RENE 77
        .NICKEL ALLOYS
        .#RENE 77
        REFRACTORY MATERIALS
        .REFRACTORY METAL ALLOYS
        ..MOLYBDENUM ALLOYS
        ..#RENE 77
  RT    WROUGHT ALLOYS

RENE 95
  1701
  GS    ALLOYS
        .CHROMIUM ALLOYS
        .#RENE 95
        .COBALT ALLOYS
        .#RENE 95
        .NICKEL ALLOYS
        .#RENE 95

RENORMALIZATION GROUP METHODS
  0101 1902 1905 2308
  RT    MONTE CARLO METHOD
        NORMALIZING (STATISTICS)
        STATISTICAL MECHANICS
        TURBULENCE MODELS

REORIENTATION
  USE   RETRAINING

REPAIRING
  USE   MAINTENANCE

REPEATERS
  0701 0706 0707 0905 2309 3107
  UF    INTERPOLATORS
  GS    TRANSMITTERS
        #REPEATERS
  RT    AMPLIFIERS
        RADAR RECEIVERS
        RECEIVERS
      % RELAY
      % TRANSLATORS

REPETITION
  0703
  RT    COUNTING
        PATTERN RECOGNITION
        REDUNDANCY ENCODING

REPLACING
  1505 3407
  RT    DAMAGE ASSESSMENT
        INSTALLING
        MAINTENANCE
        RELOCATION
        REPLENISHMENT
        SUBSTITUTES

REPLENISHMENT
  3406 3407
  RT    FILLING
        INPUT
      % LOADING
        REFILLING
        REFUELING
        REPLACING

REPLICAS
  1407 1704
  RT    ELECTRON MICROSCOPES
        METALLOGRAPHY
        MODELS
        REPRODUCTION (COPYING)

REPORT GENERATORS
  0802
  RT    COMPUTER PROGRAMS
        COMPUTER SYSTEMS PROGRAMS
      % GENERATORS
        USER MANUALS (COMPUTER PROGRAMS)

REPORTS
  3405
  GS   #REPORTS
        .CONGRESSIONAL REPORTS
        .POSTLAUNCH REPORTS
        .PRESIDENTIAL REPORTS
        .WAGE SURVEYS
  RT    AEROSPACE TECHNOLOGY TRANSFER
        CONFERENCES
```

```
    % DISCUSSION
      DOCUMENTATION
      DOCUMENTS
      INFORMATION
      INFORMATION DISSEMINATION
      PAPERS
      PROPOSALS
      RECORDS
      SUMMARIES
      SUPPLEMENTS
      TECHNOLOGY TRANSFER

REPRESENTATIONS
  1902 3406 3407
  RT  CHARACTERIZATION
      DESCRIPTIONS
      DRAWINGS
      GRAPHS (CHARTS)
      IMAGES
      PHOTOGRAPHS
      SIGNATURES

% REPRODUCTION
  0404 0702 1407 3407
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  FERTILIZATION
      REPRODUCTION (BIOLOGY)
      REPRODUCTION (COPYING)
      REPRODUCTIVE SYSTEMS

REPRODUCTION (BIOLOGY)
  0402 0404
  RT % BIOLOGY
      BIRTH
      BREEDING (REPRODUCTION)
      CELL DIVISION
      EMBRYOLOGY
      FERTILITY
      FETUSES
      MITOSIS
      PROGENY
    % REPRODUCTION
      REPRODUCTIVE SYSTEMS
      SEX GLANDS

REPRODUCTION (COPYING)
  1407 3405
  UF  DUPLICATING
  GS  IMAGERY
      #REPRODUCTION (COPYING)
      ..XEROGRAPHY
  RT  BLUEPRINTS
      DOCUMENT STORAGE
      DRAWINGS
      ENGINEERING DRAWINGS
      LITHOGRAPHY
      MICROFILMS
      PHOTOGRAPHIC PROCESSING EQUIPMENT
      PHOTOGRAPHY
      PRINTING
      REPLICAS
    % REPRODUCTION
      STENCIL PROCESSES

REPRODUCTIVE SYSTEMS
  0404 0405
  GS  ANATOMY
      .GENITOURINARY SYSTEM
      .#REPRODUCTIVE SYSTEMS
      ...SEX GLANDS
      ....GONADS
      .....OVARIES
      .....TESTES
      ....PROSTATE GLAND
      ...UTERUS
  RT  BIRTH
      CHROMOSOMES
      FERTILITY
      FETUSES
    % REPRODUCTION
      REPRODUCTION (BIOLOGY)
    % SYSTEMS

REPTILES
  0402
  GS  ANIMALS
      .VERTEBRATES
      .#REPTILES
      ...LIZARDS
      ...SNAKES
      ...TURTLES
  RT  POIKILOTHERMIA

REPUBLIC AIRCRAFT
  0207
  GS  #REPUBLIC AIRCRAFT
      .A-10 AIRCRAFT
      .F-84 AIRCRAFT
      .F-105 AIRCRAFT
  RT % AIRCRAFT

REPUBLIC MILITARY AIRCRAFT
  USE  MILITARY AIRCRAFT

REPUBLIC OF CHINA
  USE  TAIWAN

REPUBLIC OF KOREA
  USE  SOUTH KOREA

REPUBLIC OF SOUTH AFRICA
  3403
  UF  SOUTH AFRICA
  GS  NATIONS
      #REPUBLIC OF SOUTH AFRICA
  RT  AFRICA
      BOTSWANA
      KALAHARI BASIN (AFRICA)
      LESOTHO
      NAMIBIA
      SWAZILAND

REPUBLIC OF VIETNAM
  USE  VIETNAM

REPULSION
  USE  FORCE

REQUIREMENTS
  3406
  RT  SPECIFICATIONS
      USER REQUIREMENTS

RESCUE OPERATIONS
  0502 1102
  RT  AERONAUTICAL SATELLITES
      COSPAS
      MAROTS (ESA)
    % OPERATIONS
      SARSAT
      SPACECRAFT RECOVERY

RESEARCH
  3404 3406 3409 1106
  GS  #RESEARCH
      .DYNAMIC PROGRAMMING
      .HIGH TEMPERATURE RESEARCH
      .LINEAR PROGRAMMING
      .LOW DENSITY RESEARCH
      .MARKET RESEARCH
      .NONLINEAR PROGRAMMING
      .NUCLEAR RESEARCH
      .QUADRATIC PROGRAMMING
  RT  CRITICAL PATH METHOD
    % DESIGN
      ETHICS
      EXPLORATION
      INTERSERVICE DATA EXCHANGE PROGRAM
      INVESTIGATION
      MINIMAX TECHNIQUE
    % RESEARCH PROJECTS

RESEARCH AIRCRAFT
```

```
0201 3404
UF   EXPERIMENTAL AIRCRAFT
     ORNITHOPTER AIRCRAFT
GS  #RESEARCH AIRCRAFT
     .AVIAN 2/180 AUTOGIRO
     .AVRO 707 AIRCRAFT
     .B-70 AIRCRAFT
     .BREGUET 940 AIRCRAFT
     .C-8A AUGMENTOR WING AIRCRAFT
     .D-558 AIRCRAFT
     .FD 2 AIRCRAFT
     .FIREBEE 2 TARGET DRONE AIRCRAFT
     .H-17 HELICOPTER
     .H-126 AIRCRAFT
     .HP-115 AIRCRAFT
     .NORD 1500 AIRCRAFT
     .QUESTOL AIRCRAFT
     .ROTOR SYSTEMS RESEARCH AIRCRAFT
     .SC-1 AIRCRAFT
     .U-2 AIRCRAFT
     .VZ-2 AIRCRAFT
     .VZ-8 AIRCRAFT
     .X-1 AIRCRAFT
     .X-2 AIRCRAFT
     .X-3 AIRCRAFT
     .X-5 AIRCRAFT
     .X-13 AIRCRAFT
     .X-14 AIRCRAFT
     .X-15 AIRCRAFT
     .X-19 AIRCRAFT
     .X-20 AIRCRAFT
     .X-21 AIRCRAFT
     .X-21A AIRCRAFT
     .X-22 AIRCRAFT
     .X-22A AIRCRAFT
     .X-24 AIRCRAFT
     .XH-51 HELICOPTER
     .XV-4 AIRCRAFT
     .XV-5 AIRCRAFT
     .XV-8A AIRCRAFT
     .XV-9A AIRCRAFT
     .XV-11A AIRCRAFT
RT   AEROSPACE PLANES
   % AIRCRAFT
     DRONE AIRCRAFT
     FAN IN WING AIRCRAFT
     FLIGHT TEST VEHICLES
     FLYING PLATFORMS
     GROUND EFFECT MACHINES
     HOVERCRAFT GROUND EFFECT MACHINES
     HYPERSONIC AIRCRAFT
     JET AIRCRAFT
     JOINED WINGS
     METEOROLOGICAL RESEARCH AIRCRAFT
   % MILITARY AIRCRAFT
     NUCLEAR PROPELLED AIRCRAFT
     ROCKET PLANES
     SUBMERSIBLE AIRCRAFT
     SUPERSONIC AIRCRAFT
     TAILLESS AIRCRAFT
     TANDEM WING AIRCRAFT
     TEST VEHICLES
     TILT WING AIRCRAFT
     V/STOL AIRCRAFT
     VERTICAL TAKEOFF AIRCRAFT
   % WINGED VEHICLES
     YF-12 AIRCRAFT

RESEARCH AND DEVELOPMENT
  3404 3406 3409 4001
  RT % DESIGN
       INVESTIGATION
       MANAGEMENT PLANNING
       OPERATIONS RESEARCH
       OUTER SPACE TREATY
       PROGRAMS
       PROJECT MANAGEMENT
       PROPOSALS
     % RESEARCH PROJECTS
       SYSTEMS ENGINEERING
       TECHNOLOGY UTILIZATION
       WEAPONS DEVELOPMENT

RESEARCH FACILITIES
  1106 1108 3404 3501
  RT % FACILITIES
       LABORATORIES
     % RESEARCH PROJECTS
       SPACE INDUSTRIALIZATION
       SPACE LABORATORIES
       TEST FACILITIES

RESEARCH MANAGEMENT
  3404 3405 3406 3409
  GS   MANAGEMENT
       #RESEARCH MANAGEMENT
  RT   ALLOCATIONS
       BLOCK DIAGRAMS
     % BUDGETS
       ENGINEERING MANAGEMENT
       FEASIBILITY ANALYSIS
       GOALS
       INDUSTRIAL MANAGEMENT
       MANPOWER
       OPERATIONS RESEARCH
       PERSONNEL
       PRIORITIES

% RESEARCH PROJECTS
  1108 3404 3409 3501
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CHINESE SPACE PROGRAM
       EARTH & OCEAN PHYSICS APPLICATIONS
       PROGRAM
       FRENCH SPACE PROGRAM
       INDIAN SPACE PROGRAM
       JAPANESE SPACE PROGRAM
       MANAGEMENT
       NASA PROGRAMS
       PROGRAMS
       PROJECT MANAGEMENT
       PROJECTS
       RESEARCH
       RESEARCH AND DEVELOPMENT
       RESEARCH FACILITIES
       SPACE PROGRAMS
       SPHINX

RESEARCH VEHICLES
  3110 3404
  SN   (VEHICLES DESIGNED TO BE SUBJECTS
       OF RESEARCH--NOT RESEARCH
       EQUIPMENT CONTAINERS)
  GS  #RESEARCH VEHICLES
       .AUTOMATED MIXED TRAFFIC VEHICLES
       .UNDERWATER RESEARCH LABORATORIES
       .X-30 VEHICLE
  RT   BOATS
       ELECTRIC MOTOR VEHICLES
     % FLIGHT VEHICLES
       LUNAR ROVING VEHICLES
     % MILITARY VEHICLES
       ROVING VEHICLES
       SHIPS
       SPACE LABORATORIES
     % SPACECRAFT
       SURFACE EFFECT SHIPS
       UNDERWATER VEHICLES
     % VEHICLES
       WATER VEHICLES

RESERPINE
  0403 0405 0408
  GS   BASES (CHEMICAL)
       .ALKALOIDS
       .#RESERPINE
       DRUGS
       .PENTOBARBITAL SODIUM
       .#RESERPINE
       NITROGEN COMPOUNDS
       .ALKALOIDS
       .#RESERPINE
       ORGANIC COMPOUNDS
```

.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...ALKALOIDS
...#RESERPINE
RT ANTIHYPERTENSIVE AGENTS

RESERVES
1502 1703 1805 3402 3404
RT ABUNDANCE
AVAILABILITY
BACKUPS
CONTINGENCY
CRUDE OIL
ECONOMIC FACTORS
ENERGY POLICY
ESTIMATES
ESTIMATING
EVALUATION
EXPLOITATION
EXPLORATION
FORECASTING
INVENTORIES
INVENTORY CONTROLS
% MATERIALS
MINERAL DEPOSITS
MINES (EXCAVATIONS)
% PRODUCTION
RESOURCES
STOCKPILING
% STORAGE

RESERVOIRS
0505
SN (FOR SURFACE WATER STORAGE--NOT OIL OR GAS POOLS)
RT DAMS
EVAPORATION
FRESH WATER
LAGOONS
LAKE TEXOMA (OK-TX)
LAKES
PONDS
RIVERS
SOLAR PONDS (HEAT STORAGE)
STREAMS
WATER RESOURCES
WINDPOWERED PUMPS

RESIDENTIAL AREAS
3402
RT CITIES
INHABITANTS
LAND
LAND USE
MEGALOPOLISES
REGIONAL PLANNING
RURAL AREAS
SUBURBAN AREAS
URBAN DEVELOPMENT

RESIDENTIAL ENERGY
2311
RT ENERGY CONSERVATION
ENERGY TECHNOLOGY
HEAT PUMPS
SOLAR COOLING
SOLAR HEATING
SOLAR HOUSES
SPACE COOLING (BUILDINGS)
SPACE HEATING (BUILDINGS)
WATER HEATING

RESIDUAL GAS
1203 1506
GS GASES
#RESIDUAL GAS
RT GETTERS
HIGH VACUUM
OUTGASSING
PARTIAL PRESSURE
ULTRAHIGH VACUUM
VACUUM APPARATUS
VACUUM TUBES

RESIDUAL STRENGTH
3203
RT CRACK PROPAGATION
FATIGUE (MATERIALS)
FRACTURE MECHANICS
FRACTURE STRENGTH
RESIDUAL STRESS
% STRENGTH
TENSILE STRENGTH

RESIDUAL STRESS
1504 3203
UF INTERNAL STRESS
GS STRESSES
#RESIDUAL STRESS
RT CREEP PROPERTIES
MACHINING
RELAXATION (MECHANICS)
RESIDUAL STRENGTH
STRAIN HARDENING
STRESS RELAXATION
STRESS RELIEVING
STRESS-STRAIN RELATIONSHIPS
TEMPERATURE INVERSIONS

RESIDUES
0505 0601 0603
RT ASHES
ORGANIC WASTES (FUEL CONVERSION)
REACTION PRODUCTS
SOLID WASTES
WASTE TREATMENT
WASTE WATER
WASTES

RESILIENCE
3203
GS MECHANICAL PROPERTIES
#RESILIENCE
RT COMPRESSIVE STRENGTH
ELASTIC PROPERTIES
SHEAR PROPERTIES
SPRINGS (ELASTIC)
TENSILE STRENGTH

RESIN BONDING
0602 0603 1808
GS BONDING
#RESIN BONDING
RT ADHESIVE BONDING
METAL BONDING
METAL-METAL BONDING

RESIN MATRIX COMPOSITES
1808
GS COMPOSITE MATERIALS
#RESIN MATRIX COMPOSITES
..BORON-EPOXY COMPOSITES
..CARBON-PHENOLIC COMPOSITES
..GRAPHITE-EPOXY COMPOSITES
RT ARAMID FIBERS
BISMALEIMIDE
EPOXY RESINS
HYBRID COMPOSITES
MATRIX MATERIALS
METAL MATRIX COMPOSITES
PEEK
POLYIMIDE RESINS
POLYMER MATRIX COMPOSITES
PREPREGS
PULTRUSION
RESIN TRANSFER MOLDING
RESINS
SHEET MOLDING COMPOUNDS

RESIN TRANSFER MOLDING
1809 1810 3202 3407
UF RTM (COMPOSITE MATERIALS)
GS FORMING TECHNIQUES
#RESIN TRANSFER MOLDING
RT CASTING

```
      COMPOSITE MATERIALS
      CURING
      FABRICATION
      FIBER COMPOSITES
      INJECTION MOLDING
      MATRIX MATERIALS
      MOLDING MATERIALS
      MOLDS
      POLYMER MATRIX COMPOSITES
      PREFORMS
      REINFORCING FIBERS
      RESIN MATRIX COMPOSITES

RESINS
  1809 1810
  GS  #RESINS
      .ALKYD RESINS
      .ION EXCHANGE RESINS
      .POLYIMIDE RESINS
      .POLYURETHANE RESINS
      .SILICONE RESINS
      .SYNTHETIC RESINS
      ..ADDITION RESINS
      ...ACRYLIC RESINS
      ...VINYL COPOLYMERS
      ..POLYESTER RESINS
      ..POLYETHER RESINS
      ...PEEK
      ...POLYMETHYL METHACRYLATE
      ..THERMOPLASTIC RESINS
      ...PEEK
      ...QUINOXALINES
      ...THERMOPLASTIC FILMS
      ..THERMOSETTING RESINS
      ...EPOXY RESINS
      ....PHENOLIC EPOXY RESINS
      ...FURAN RESINS
      ....POLYAMIDE RESINS
      .....KEVLAR (TRADEMARK)
      ...PHENOLIC RESINS
      ....MICARTA
      ....PHENOLIC EPOXY RESINS
  RT  ACRYLATES
      BAKELITE (TRADEMARK)
      BISMALEIMIDE
      DELRIN (TRADEMARK)
      FILLERS
      LEXAN (TRADEMARK)
      MELAMINE
      PARAPLASTS
    % PATTERNS
      PHENOL FORMALDEHYDE
      PHLOROGLUCINOL
      PLASTISOLS
      RESIN MATRIX COMPOSITES
      TEFLON (TRADEMARK)

  % RESISTANCE
    0101 1001 1202 2304 2311 3303
    SN   (USE OF A MORE SPECIFIC TERM IS
         RECOMMENDED--CONSULT THE TERMS
         LISTED BELOW)
    UF   CONDUCTANCE
         RESISTANCE COEFFICIENTS
    RT   ABRASION RESISTANCE
         ACCELERATION TOLERANCE
         ACOUSTIC PROPERTIES
         AERODYNAMIC DRAG
         CHEMICAL PROPERTIES
         CONSTRICTIONS
         CONTACT RESISTANCE
         CORROSION RESISTANCE
         CRACK PROPAGATION
         CREEP STRENGTH
         DAMPING
         DIFFUSIVITY
         DURABILITY
         EARTHQUAKE RESISTANCE
         ELECTRICAL PROPERTIES
         ELECTRICAL RESISTANCE
         ELECTRICAL RESISTIVITY
         FLAMMABILITY
         FLOW RESISTANCE
         FRACTURE STRENGTH
         FUSIBILITY
       % HIGH RESISTANCE
         IMMUNITY
         IMPACT RESISTANCE
         IMPACT STRENGTH
         IMPEDANCE
         KAPITZA RESISTANCE
         LIFE (DURABILITY)
       % LOW RESISTANCE
         MAGNETORESISTIVITY
         MOISTURE RESISTANCE
         NEGATIVE RESISTANCE CIRCUITS
         NEGATIVE RESISTANCE DEVICES
         OXIDATION RESISTANCE
         PERMEABILITY
         PREVENTION
         PROTECTION
         QUALITY
         RADIATION TOLERANCE
         RESISTANCE THERMOMETERS
         RETARDING
         SENSITIVITY
         SHOCK RESISTANCE
         SKIN RESISTANCE
         STABILITY
         THERMAL RESISTANCE
         TOLERANCES (PHYSIOLOGY)
         TRANSCONDUCTANCE
         VULNERABILITY
         WAVE RESISTANCE
         WEAR RESISTANCE

RESISTANCE COEFFICIENTS
  USE  RESISTANCE

RESISTANCE HEATING
  0905 1002 3303 3501
  UF   JOULE HEATING
  GS   HEATING
       #RESISTANCE HEATING
  RT   ARC HEATING
       ELECTROSLAG REFINING
       GAS HEATING
       LEVITATION MELTING

RESISTANCE THERMOMETERS
  1408 3303 3501
  GS   MEASURING INSTRUMENTS
       .TEMPERATURE MEASURING INSTRUMENTS
       ..THERMOMETERS
       ..#RESISTANCE THERMOMETERS
  RT   BOLOMETERS
       OHMMETERS
     % RESISTANCE
       TEMPERATURE MEASUREMENT
       THERMOCOUPLE PYROMETERS

RESISTIVITY
  USE  ELECTRICAL RESISTIVITY

RESISTOJET ENGINES
  0202 2803 2805 2808 3110
  UF   RESISTOJETS
  GS   ENGINES
       .ROCKET ENGINES
       ..ELECTRIC ROCKET ENGINES
       ...ELECTROTHERMAL ENGINES
       ...#RESISTOJET ENGINES
  RT   ARC JET ENGINES
       PLASMA ENGINES
       PULSED JET ENGINES
       SPACE STATION PROPULSION

RESISTOJETS
  USE  RESISTOJET ENGINES

RESISTORS
  0902 0904 0905 1002
  UF   TUNNEL RESISTORS
  GS   ATTENUATORS
       #RESISTORS
```

..POTENTIOMETERS (RESISTORS)
..PRINTED RESISTORS
..THERMISTORS
RT BALLASTS (IMPEDANCES)
ELECTRIC CONDUCTORS
ELECTRIC FILTERS
ELECTRIC REACTORS
% FILAMENTS
PHOTOCONDUCTORS
SEMICONDUCTORS (MATERIALS)
SOLID STATE DEVICES
VARISTORS

RESOLUTION
1406 1407 1409 1412 1413 3406 3407
3009 3501
UF RESOLVING POWER
GS #RESOLUTION
.ANGULAR RESOLUTION
.HIGH RESOLUTION
.IMAGE RESOLUTION
.RADAR RESOLUTION
.RADIOMETRIC RESOLUTION
.SPATIAL RESOLUTION
.SPECTRAL RESOLUTION
.TEMPORAL RESOLUTION
RT ACCURACY
AUTOMATIC TRAFFIC ADVISORY AND
RESOLUTION
BLURRING
CHARACTER RECOGNITION
CONTRAST
DEFINITION
DYNAMIC CHARACTERISTICS
ERRORS
FOCI
HIGH RESOLUTION COVERAGE ANTENNAS
IMAGE CONTRAST
IMAGE ENHANCEMENT
LEGIBILITY
LOCI
% OPTICS
PERCEPTION
% POWER
PRECISION
RESOLUTION CELL
SENSITIVITY
SPATIAL FILTERING
STARK EFFECT
% THRESHOLDS
TOLERANCES (MECHANICS)
VISIBILITY
VISION

RESOLUTION CELL
0802 1902
RT % CELLS
IMAGING TECHNIQUES
RADAR DETECTION
RADAR IMAGERY
RESOLUTION

RESOLVERS
2308 2311
RT ANALOG COMPUTERS
INSTRUMENT TRANSFORMERS
TRANSFORMERS

RESOLVING POWER
USE RESOLUTION

RESONANCE
0710 1003 2301 2306 2308 2311 2403
2502 3408
GS #RESONANCE
.BARYON RESONANCE
.CYCLOTRON RESONANCE
.MAGNETIC RESONANCE
..FERROMAGNETIC RESONANCE
..NUCLEAR MAGNETIC RESONANCE
...PROTON MAGNETIC RESONANCE
...PROTON RESONANCE
..PARAMAGNETIC RESONANCE
...ELECTRON PARAMAGNETIC RESONANCE
.MAGNETOSONIC RESONANCE
.MESON RESONANCE
..X MESONS
.MICROWAVE RESONANCE
.NUCLEAR QUADRUPOLE RESONANCE
.OPTICAL RESONANCE
.ORBITAL RESONANCES (CELESTIAL
MECHANICS)
.PLASMA RESONANCE
.RESONANT VIBRATION
.SPIN RESONANCE
RT FOSTER THEORY
OSCILLATIONS
OVERHAUSER EFFECT
RESONANT FREQUENCIES
SYNTONY
TUNING
VIBRATION

RESONANCE CHARGE EXCHANGE
1002 2304 2403
GS EXCHANGING
.CHARGE EXCHANGE
.#RESONANCE CHARGE EXCHANGE
RT SPIN EXCHANGE

RESONANCE FLUORESCENCE
1901
UF RESONANCE RADIATION
GS EMISSION
.LIGHT EMISSION
..LUMINESCENCE
...FLUORESCENCE
...#RESONANCE FLUORESCENCE
RT ATOMIC EXCITATIONS
ATOMIC PHYSICS
QUANTUM ELECTRODYNAMICS
% RADIATION

RESONANCE LINES
0710
UF DIELECTRONIC SATELLITE LINES
RT LINE SPECTRA
OPTICAL RESONANCE
PLASMA RESONANCE

RESONANCE PROBES
1302 2501 2502 3108
GS MEASURING INSTRUMENTS
#RESONANCE PROBES
RT IMPEDANCE PROBES
MAGNETIC PROBES
MICROWAVE PLASMA PROBES
PLASMA DIAGNOSTICS
PLASMA RESONANCE
TUNERS

RESONANCE RADIATION
USE RESONANCE FLUORESCENCE

RESONANCE SCATTERING
2311 2402 2403 2502
SN (INTERACTION WITH THE INTERIOR OF
THE NUCLEUS--EXCLUDES POTENTIAL
SCATTERING)
GS NUCLEAR REACTIONS
.NUCLEAR SCATTERING
.#RESONANCE SCATTERING
SCATTERING
.NUCLEAR SCATTERING
.#RESONANCE SCATTERING
RT INVERSE SCATTERING
MOSSBAUER EFFECT
NEUTRON SCATTERING

RESONANCE TESTING
0905 1406 3404
RT DAMPING TESTS
ELASTIC DAMPING
ELECTRONIC EQUIPMENT TESTS
FATIGUE TESTS

```
      RESONANT FREQUENCIES
      STABILITY TESTS
      STATIC TESTS
      STRUCTURAL STABILITY
    % TESTS
      VIBRATION TESTS
      VISCOUS DAMPING

RESONANT CAVITIES
  USE CAVITY RESONATORS

RESONANT FREQUENCIES
  2304 2307 2402
  UF  NATURAL FREQUENCIES
      VIBRATIONAL FREQUENCIES
      (STRUCTURAL)
  GS  FREQUENCIES
      #RESONANT FREQUENCIES
  RT  ACOUSTIC FREQUENCIES
      ANTINODES
      BANDWIDTH
      BEAT FREQUENCIES
      BORDONI PEAKS
      CAVITY RESONATORS
      CRITICAL FREQUENCIES
      CRITICAL VELOCITY
      DAMPING
      DYNAMIC CHARACTERISTICS
    % DYNAMICS
      ELECTROMAGNETIC ABSORPTION
      HARMONICS
      IMPEDANCE
      MOSSBAUER EFFECT
      NODES (STANDING WAVES)
      OSCILLATORS
      RESONANCE
      RESONANCE TESTING
      RESONATORS
      STANDING WAVES
      TRANSIENT RESPONSE
      TUNERS
      TUNING

RESONANT TUNNELING
  1001
  RT  BARRIER LAYERS
      ELECTRON TUNNELING
      NEGATIVE RESISTANCE DEVICES
      QUANTUM ELECTRONICS
      QUANTUM WELLS
      TRANSISTORS
      TUNNEL DIODES
    % TUNNELING

RESONANT VIBRATION
  2308 2403 3301
  UF  MECHANICAL RESONANCE
  GS  RESONANCE
      #RESONANT VIBRATION
      VIBRATION
      #RESONANT VIBRATION
  RT  DAMPING
      DYNAMIC STABILITY
    % DYNAMICS
      FLAPPING
      FLUTTER
      MECHANICAL OSCILLATORS
      OSCILLATIONS
      Q FACTORS
      STABLE OSCILLATIONS
      STRUCTURAL VIBRATION
      UNDAMPED OSCILLATIONS

RESONATORS
  0903 0904 0905 1504 1601 2301 2311
  GS  #RESONATORS
      .CAVITY RESONATORS
      ..SUPERCONDUCTING CAVITY RESONATORS
      .HELMHOLTZ RESONATORS
      .MULTIMODE RESONATORS
      .OPTICAL RESONATORS
  RT  DELTA ANTENNAS
      ELECTRON TUBES
      FREQUENCY STANDARDS
      GRAZING FLOW
      MAGNETRONS
      MASERS
      OSCILLATORS
      RESONANT FREQUENCIES
      SELF EXCITATION
      TUNING
      TUNING FORK GYROSCOPES

RESOURCE ALLOCATION
  3401 3402 3404 3406 3409
  GS  ALLOCATIONS
      #RESOURCE ALLOCATION
  RT  DISTRIBUTING
      ENERGY CONSERVATION
      ENERGY POLICY
      ENGINEERING MANAGEMENT
      LOGISTICS
      NASA INTERACTIVE PLANNING SYSTEM
      OUTER SPACE TREATY
      PRIORITIES
      PRODUCTS
      RESOURCES

RESOURCES
  1306 3402 3404
  GS  #RESOURCES
      .EARTH RESOURCES
      ..FORESTS
      ...RAIN FORESTS
      ..FOSSIL FUELS
      ...COAL
      ....ANTHRACITE
      ....LIGNITE
      ....SOLVENT REFINED COAL
      ...CRUDE OIL
      ...NATURAL GAS
      ...PEAT
      ..GLACIERS
      ..ICEBERGS
      ..KEROGEN
      ..LAND ICE
      ..MARINE RESOURCES
      ..OIL FIELDS
      ..RANGE RESOURCES
      ..SPRINGS (WATER)
      ..TAR SANDS
      ..THERMAL RESOURCES
      ...GEOTHERMAL RESOURCES
      ....GEYSERS
      ..UNDERWATER RESOURCES
      ..WATER RESOURCES
      ...AQUIFERS
      .EXTRATERRESTRIAL RESOURCES
      ..LUNAR RESOURCES
  RT  ABUNDANCE
      AVAILABILITY
      CONSULTING
      DEPLETION
      ECONOMIC DEVELOPMENT
      ECONOMIC FACTORS
      ECONOMIC IMPACT
      ECONOMICS
      ENERGY CONSERVATION
      ENERGY POLICY
      ENGINEERING MANAGEMENT
      GEOTHERMAL TECHNOLOGY
      GREAT LAKES (NORTH AMERICA)
      INVENTORY MANAGEMENT
      LOGISTICS
      LOGISTICS MANAGEMENT
      MAN ENVIRONMENT INTERACTIONS
      MANPOWER
    % MATERIALS
      MISSISSIPPI RIVER (US)
      PERSONNEL
      PERSONNEL DEVELOPMENT
      PRODUCTION MANAGEMENT
      RECYCLING
      RESERVES
      RESOURCE ALLOCATION
```

```
        SITE SELECTION
        URBAN DEVELOPMENT
        VEGETATION

RESOURCES MANAGEMENT
  1301 1303 1306 1308 1310
  GS    MANAGEMENT
        #RESOURCES MANAGEMENT
        ..FOREST MANAGEMENT
        ...REFORESTATION
        ..LAND MANAGEMENT
  RT    EARTH RESOURCES
        ENVIRONMENT MANAGEMENT
        ENVIRONMENTAL CONTROL
        LEASING
        NASA INTERACTIVE PLANNING SYSTEM
        THERMAL RESOURCES
        WATER RUNOFF

RESPIRATION
  0404 0408 0501 0504 3407
  UF    APNEA
        INHALATION
  GS   #RESPIRATION
        .HIGH ALTITUDE BREATHING
        .LIQUID BREATHING
        .PRESSURE BREATHING
  RT    ALVEOLI
        ASPHYXIA
      % BREATHING
        EXPIRATION
        EXPIRED AIR
        HYDROGEN METABOLISM
        METABOLISM
        OXYGEN METABOLISM
        PHOTOSYNTHESIS
        PHYSIOLOGY
        RESPIRATORS
        RESPIRATORY SYSTEM
        RESUSCITATION
        SINUSES
        VALSALVA EXERCISE

RESPIRATORS
  0405 0501
  GS    MEDICAL EQUIPMENT
        #RESPIRATORS
  RT    BREATHING APPARATUS
        EMERGENCY BREATHING TECHNIQUES
        RESPIRATION
        RESUSCITATION
        THERAPY

RESPIRATORY DISEASES
  0405
  GS    DISEASES
        #RESPIRATORY DISEASES
        ..AEROSINUSITIS
        ..ASTHMA
        ..EMPHYSEMA
        ..INFLUENZA
        ..PNEUMONIA
        ..TUBERCULOSIS
  RT    BERYLLIUM POISONING
        CONGESTION
        FUNGAL DISEASES
        LUNG MORPHOLOGY
        PULMONARY LESIONS

RESPIRATORY IMPEDANCE
  0405 0408
  GS    IMPEDANCE
        #RESPIRATORY IMPEDANCE

RESPIRATORY PHYSIOLOGY
  0404 0405 0408
  GS    PHYSIOLOGY
        #RESPIRATORY PHYSIOLOGY
  RT    EXERCISE PHYSIOLOGY
      % SCIENCE

RESPIRATORY RATE
  0405 0408
  GS    RATES (PER TIME)
        #RESPIRATORY RATE
        ..DYSPNEA
        ..HYPOVENTILATION
        ..TACHYPNEA
  RT    HYPERCAPNIA
        HYPERPNEA
        SPIROMETERS

RESPIRATORY REFLEXES
  0405 0408
  GS    REFLEXES
        #RESPIRATORY REFLEXES
        ..COUGH
        ..HERING-BREVER REFLEX
        ..SNEEZING
  RT % BREATHING

RESPIRATORY SYSTEM
  0405 0408
  GS    ANATOMY
        #RESPIRATORY SYSTEM
        ..BRONCHI
        ..DIAPHRAGM (ANATOMY)
        ..LARYNX
        ...GLOTTIS
        ...VOCAL CORDS
        ..LUNGS
        ...ALVEOLI
        ..NOSE (ANATOMY)
        ..PARANASAL SINUSES
        ..PHARYNX
        ..TRACHEA
  RT    EVAPORATION
        HOMEOSTASIS
        HYPERCAPNIA
        ORGANS
        PLEURAE
        PULMONARY CIRCULATION
        RESPIRATION
      % SYSTEMS

RESPIROMETERS
  0401 0405 0501
  GS    MEASURING INSTRUMENTS
        #RESPIROMETERS
  RT    BIOINSTRUMENTATION
        EXHALATION

RESPONDERS
  USE   TRANSPONDERS

RESPONSE BIAS
  0408 0802 1003 1409
  GS    BIAS
        #RESPONSE BIAS
  RT    DYNAMIC RESPONSE
        ERRORS
      % TIME RESPONSE
        TRANSIENT RESPONSE

RESPONSE TIME (COMPUTERS)
  0802 0803
  GS    TIME
        #RESPONSE TIME (COMPUTERS)
  RT    COMPUTER PROGRAMMING
        COMPUTER SYSTEMS PERFORMANCE
        DATA PROCESSING

RESPONSES
  0402 0408 0410 0502
  GS   #RESPONSES
        .DYNAMIC RESPONSE
        ..TRANSIENT RESPONSE
        .GALVANIC SKIN RESPONSE
        .MODAL RESPONSE
        .PHYSIOLOGICAL RESPONSES
        ..HEMODYNAMIC RESPONSES
  RT    CHRONAXY
      % FREQUENCY RESPONSE
        LEARNING
        REFRACTORY PERIOD
```

```
    % THRESHOLDS
      TIME LAG
    % TIME RESPONSE

REST
  0408 0504 0506
  GS  #REST
       .BED REST
  RT   PRONE POSITION
       RECREATION
       SITTING POSITION
       SLEEP
       SUPINE POSITION

RESTARTABLE ROCKET ENGINES
  2807 2808 3106
  GS   ENGINES
       .ROCKET ENGINES
       .#RESTARTABLE ROCKET ENGINES
  RT   DUCTED ROCKET ENGINES
       ELECTRIC ROCKET ENGINES
       ELECTROSTATIC ENGINES
       ELECTROTHERMAL ENGINES
       HYBRID PROPELLANT ROCKET ENGINES
       ION ENGINES
       LIQUID PROPELLANT ROCKET ENGINES
       NUCLEAR ROCKET ENGINES
       RETROROCKET ENGINES
       SOLID PROPELLANT ROCKET ENGINES
       SUSTAINER ROCKET ENGINES
       TURBOROCKET ENGINES
       VERNIER ENGINES

RESTORATION
  3404 3407
  RT   ADDITION
       RECONSTRUCTION

RESTRAINTS
  USE  CONSTRAINTS

RESTRICTIONS
  USE  CONSTRICTIONS

RESULTANTS
  1902 2308
  RT   VECTOR ANALYSIS

RESUSCITATION
  0405
  UF   ARTIFICIAL RESPIRATION
  RT   EMERGENCY BREATHING TECHNIQUES
       FIRST AID
       LIQUID BREATHING
       RESPIRATION
       RESPIRATORS

RETAINING
  0202 1101 1104 1504
  RT   ASTEROID CAPTURE
       CONSTRAINTS
       CONTAINMENT
     % HOLDING
     % JOINING
       LOCKING
     % RETENTION
       SEALING
     % STORAGE

RETARDANTS
  0101 0201 1202 1504 2311
  GS  #RETARDANTS
       .FLAME RETARDANTS
  RT   ACCELERATING AGENTS
       ADDITIVES
       ANTIICING ADDITIVES
       ANTIKNOCK ADDITIVES
       ANTIOXIDANTS
       CATALYSTS
       EXPLOSION SUPPRESSION
       INHIBITORS
       NEUTRALIZERS
       PENETRANTS
       PRESERVATIVES
     % RETARDERS
       RETARDING
       STABILIZERS (AGENTS)
       SUPPRESSORS
       SURFACTANTS
       WEAR INHIBITORS

% RETARDERS
  0101 0201 1202 1504 2311
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   RETARDANTS
       RETARDERS (DEVICES)

RETARDERS (DEVICES)
  1504
  RT   BLOCKING
       BRAKES (FOR ARRESTING MOTION)
       BRAKING
       CONSTRICTIONS
     % RETARDERS
       RETARDING

RETARDING
  0101 0201 2311 3407
  UF   SUPPRESSION
  RT   ATTENUATION
       BLOCKING
       BRAKING
       DAMPING
       DECELERATION
       FOULING
       HYSTERESIS
       PREVENTION
     % REDUCTION
     % RESISTANCE
       RETARDANTS
       RETARDERS (DEVICES)
       STOPPING

RETARDING ION MASS SPECTROMETERS
  USE  MASS SPECTROMETERS

% RETENTION
  3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   RETAINING
       RETENTION (PSYCHOLOGY)

RETENTION (PSYCHOLOGY)
  0410 0502
  RT   LEARNING
       MEMORY
     % RETENTION

RETICLES
  1411 1412 2310
  GS  #RETICLES
       .WIRE GRID LENSES
  RT   CONTACT LENSES
       EYEPIECES
     % GRIDS
       LENSES
       OPTICAL EQUIPMENT
       SCALE (RATIO)

RETICULOCYTES
  0404 0406
  GS   CELLS (BIOLOGY)
       .BLOOD CELLS
       ..ERYTHROCYTES
       ..#RETICULOCYTES
  RT   HEMATOLOGY
       HEMOGLOBIN
       HEMOLYSIS
       HEMORRHAGES

RETINA
```

0405 0408
GS ANATOMY
.SENSE ORGANS
..EYE (ANATOMY)
..#RETINA
....FOVEA
RT ELECTRORETINOGRAPHY
PHOSPHENE
PHOTORECEPTORS
VISION
VISUAL FIELDS
VISUAL PIGMENTS

RETINAL ADAPTATION
0405 0408
GS ADAPTATION
#RETINAL ADAPTATION
..DARK ADAPTATION
..LIGHT ADAPTATION
RT PERCEPTION
VISIBILITY
VISION

RETINAL IMAGES
0405 0408
GS IMAGES
#RETINAL IMAGES
RT VISION
VISUAL FIELDS

RETINENE
0403 0405 1808
UF VITAMIN A
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#RETINENE
.LIPIDS
.#RETINENE
VITAMINS
#RETINENE
RT ALDEHYDES
CAROTENE

RETIREMENT
0408 3402
RT EMPLOYEE RELATIONS
INDUSTRIES
PERSONNEL
SOCIOLOGY

RETIREMENT FOR CAUSE
3408
RT COMPONENT RELIABILITY
ENGINE PARTS
FATIGUE LIFE
FRACTURE STRENGTH
INVENTORY MANAGEMENT
LIFE (DURABILITY)
METAL FATIGUE
SERVICE LIFE
SPARE PARTS

RETORC (TORPEDOES)
USE TORPEDOES

RETORT PROCESSING
1805
RT FRACTIONATION
HYDROCARBON FUELS
OILS
% PROCESSING
SHALE OIL

RETRACTABLE EQUIPMENT
0203 1504
UF RETRACTABLE LANDING GEAR
RT AERODYNAMIC BRAKES
LANDING GEAR
REFUELING

RETRACTABLE LANDING GEAR
USE LANDING GEAR
RETRACTABLE EQUIPMENT

RETRAINING
0402 0408 0502
UF REORIENTATION
RT ADAPTATION
EDUCATION
MANAGEMENT METHODS
MANPOWER
PERSONNEL
TASKS
TRAINING ANALYSIS

RETRIEVAL
0802 0803 3405
GS #RETRIEVAL
.DATA RETRIEVAL
.INFORMATION RETRIEVAL
.PAYLOAD RETRIEVAL (STS)
RT % RECOVERY
SEARCHING

RETROACTION
USE RETROTHRUST

RETROFIRING
2807 2808 3105 3301
GS FIRING (IGNITING)
.ROCKET FIRING
.#RETROFIRING
RT DECELERATION
RETROROCKET ENGINES
RETROTHRUST

RETROFITTING
3405
GS #RETROFITTING
.ACOUSTIC RETROFITTING
RT INSTALLING

RETROREFLECTION
2306 2310 2402
GS REFLECTION
#RETROREFLECTION
RT ANTENNA ARRAYS
INCIDENT RADIATION
LAGEOS (SATELLITE)
LUNAR RETROREFLECTORS
REFLECTED WAVES
RETROREFLECTORS

RETROREFLECTORS
0710
GS RADAR EQUIPMENT
#RETROREFLECTORS
REFLECTORS
#RETROREFLECTORS
RT RADAR CORNER REFLECTORS
RETROREFLECTION

RETROROCKET ENGINES
2802 2807 2808 3105 3110
GS ENGINES
.ROCKET ENGINES
.#RETROROCKET ENGINES
...BE-3 ENGINE
RT CONTROL ROCKETS
INTERNAL COMBUSTION ENGINES
LIQUID PROPELLANT ROCKET ENGINES
MAN OPERATED PROPULSION SYSTEMS
RESTARTABLE ROCKET ENGINES
RETROFIRING
RETROTHRUST
SOLID PROPELLANT ROCKET ENGINES

RETROTHRUST
2308 2802 2807 2808 3105
UF RETROACTION
GS THRUST
.ROCKET THRUST
.#RETROTHRUST
RT DECELERATION

```
      RETROFIRING
      RETROROCKET ENGINES

RETURN BEAM VIDICONS
  0701 0702 0905 1409
  GS   ELECTRON TUBES
       .CAMERA TUBES
       ..VIDICONS
       ..#RETURN BEAM VIDICONS
       ....THERMICONS
  RT   TELEVISION CAMERAS

RETURN TO EARTH SPACE FLIGHT
  3004 3007 3104 3105
  GS   SPACE FLIGHT
       #RETURN TO EARTH SPACE FLIGHT
  RT   INTERPLANETARY FLIGHT
       MANNED MARS MISSIONS
       SPACECRAFT REENTRY

REUSABLE HEAT SHIELDING
  1704 1801 1805 3304 3305
  GS   SHIELDING
       .HEAT SHIELDING
       .#REUSABLE HEAT SHIELDING
  RT   COOLING
       HEAT TRANSFER
       REENTRY SHIELDING
       SPACECRAFT SHIELDING
       TEMPERATURE CONTROL
       THERMAL CONTROL COATINGS
       THERMAL PROTECTION

REUSABLE LAUNCH VEHICLES
  3103 3110
  GS   LAUNCH VEHICLES
       #REUSABLE LAUNCH VEHICLES
       ..SINGLE STAGE TO ORBIT VEHICLES
       ...HOTOL LAUNCH VEHICLE
  RT   ADVANCED LAUNCH SYSTEM (STS)
       AEROMANEUVERING ORBIT TO ORBIT
       SHUTTLE
       RECOVERABLE LAUNCH VEHICLES
       ROCKET ENGINES
       SPACECRAFT LAUNCHING
       SPACECRAFT RECOVERY
     % VEHICLES

REUSABLE ROCKET ENGINES
  2808
  GS   ENGINES
       .ROCKET ENGINES
       .#REUSABLE ROCKET ENGINES
  RT   OXYGEN-HYDROCARBON ROCKET ENGINES

REUSABLE SPACECRAFT
  2808 3110
  GS   REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       .#REUSABLE SPACECRAFT
       ...AEROSPACE PLANES
       ....HOTOL LAUNCH VEHICLE
       ....X-30 VEHICLE
       ...MARS (MANNED REUSABLE
          SPACECRAFT)
       ...SPACE SHUTTLE ORBITERS
       ....ATLANTIS (ORBITER)
       ....CHALLENGER (ORBITER)
       ....COLUMBIA (ORBITER)
       ....DISCOVERY (ORBITER)
       ....ENDEAVOUR (ORBITER)
       ....ENTERPRISE (ORBITER)
       ...SPACE SHUTTLES
       ....BURAN SPACE SHUTTLE
       ....HERMES MANNED SPACEPLANE
  RT   EXPENDABLE STAGES (SPACECRAFT)
       FERRY SPACECRAFT
       INERTIAL UPPER STAGE
       INTERIM STAGES (SPACECRAFT)
       INTERPLANETARY SPACECRAFT
       LANDING MODULES
       LUNAR LANDING MODULES
       MANNED SPACECRAFT
       SOFT LANDING SPACECRAFT
       SPACE SHUTTLE BOOSTERS
       UNMANNED SPACECRAFT

REUSE
  3407
  GS   UTILIZATION
       #REUSE
       ..SOFTWARE REUSE
  RT   OIL RECOVERY
     % RECOVERY

REVENUE
  3402 3403
  RT   ALLOCATIONS
       ASSESSMENTS
       BUDGETING
       COSTS
       INTERNATIONAL TRADE

REVERBERATION
  0710 2301
  GS   ACOUSTIC PROPERTIES
       .ACOUSTIC SCATTERING
       .#REVERBERATION
       SCATTERING
       .WAVE SCATTERING
       ..ACOUSTIC SCATTERING
       ..#REVERBERATION
  RT   ECHOES
       NOISE (SOUND)
       REVERBERATION CHAMBERS
       SOUND WAVES

REVERBERATION CHAMBERS
  0710 2301
  GS   COMPARTMENTS
       .TEST CHAMBERS
       .#REVERBERATION CHAMBERS
       TEST FACILITIES
       #REVERBERATION CHAMBERS
  RT   ACOUSTIC MEASUREMENT
       ACOUSTIC SIMULATION
     % CHAMBERS
       ENVIRONMENTAL TESTS
       REVERBERATION

REVERSE ENGINEERING
  0503 0506 4001
  RT   COMPUTER PROGRAMMING
       DESIGN ANALYSIS
       REVERSING
       SOFTWARE ENGINEERING
       SOFTWARE TOOLS
       SYSTEMS ENGINEERING

REVERSE FIELD PINCH
  2501
  GS   PINCH EFFECT
       #REVERSE FIELD PINCH
  RT   MAGNETOHYDRODYNAMIC FLOW
       PLASMA CONTROL
       REACTOR TECHNOLOGY
       SCREW PINCH
       TOROIDAL PLASMAS

REVERSE OSMOSIS
  0404
  GS   OSMOSIS
       #REVERSE OSMOSIS
  RT   DEMINERALIZING
       DESALINIZATION
       MEMBRANES
       PERMEATING

REVERSE TIME
  USE  REACTION TIME

REVERSED FLOW
  0101 1202
  GS   FLUID FLOW
       #REVERSED FLOW
```

RT BOUNDARY LAYER SEPARATION
RECIRCULATIVE FLUID FLOW
REVERSING
SEPARATED FLOW

REVERSING
3407
RT % DIRECTION
REVERSE ENGINEERING
REVERSED FLOW

REVIEWING
3405
RT % DISCUSSION
EVALUATION
EXAMINATION
TRAINING EVALUATION

REVISIONS
3405
UF ALTERATION
MODIFICATION
RT ADJUSTING
CONTRACTS
CORRECTION
EXTENSIONS
VARIATIONS

REVOLUTION (MOTION)
USE REVOLVING

REVOLVING
1403
UF REVOLUTION (MOTION)
GS GYRATION
#REVOLVING
RT ANGULAR VELOCITY
CENTRIPETAL FORCE
ROTATION

REWARD (PSYCHOLOGY)
3402 3406
GS REINFORCEMENT (PSYCHOLOGY)
#REWARD (PSYCHOLOGY)
RT COMFORT
HUMAN REACTIONS
PSYCHOLOGICAL FACTORS

REYNOLDS EQUATION
0101 1201 1202 1902
UF REYNOLDS LAW
GS EQUATIONS OF MOTION
#REYNOLDS EQUATION
FLOW EQUATIONS
#REYNOLDS EQUATION
RT AERODYNAMIC CONFIGURATIONS
% EQUATIONS
NAVIER-STOKES EQUATION
SCALE MODELS

REYNOLDS LAW
USE REYNOLDS EQUATION

REYNOLDS NUMBER
0101 1201 1202 3408
UF CRITICAL REYNOLDS NUMBER
GS RATIOS
.DIMENSIONLESS NUMBERS
.#REYNOLDS NUMBER
...HIGH REYNOLDS NUMBER
...LOW REYNOLDS NUMBER
RT BOUNDARY LAYER FLOW
BOUNDARY LAYER STABILITY
BOUNDARY LAYER TRANSITION
CRITICAL VELOCITY
FLUID FLOW
FROUDE NUMBER
GRASHOF NUMBER
INVISCID FLOW
LAMINAR FLOW
PECLET NUMBER
PRANDTL NUMBER
RICHARDSON NUMBER
SCALE EFFECT
TRANSITION POINTS
TURBULENT FLOW
VISCOUS FLOW

REYNOLDS STRESS
1201 1202 1902
GS STRESSES
#REYNOLDS STRESS
RT INCOMPRESSIBLE FLOW
NAVIER-STOKES EQUATION
TURBULENT BOUNDARY LAYER
TURBULENT FLOW

RF-4 AIRCRAFT
0207 3401
GS MCDONNELL DOUGLAS AIRCRAFT
.MCDONNELL AIRCRAFT
.#RF-4 AIRCRAFT
MONOPLANES
#RF-4 AIRCRAFT
OBSERVATION AIRCRAFT
#RF-4 AIRCRAFT
SUPERSONIC AIRCRAFT
#RF-4 AIRCRAFT
RT % AIRCRAFT
F-4 AIRCRAFT

RF-8 AIRCRAFT
USE F-8 AIRCRAFT

RH-2 HELICOPTER
USE UH-1 HELICOPTER

RHEA (ASTRONOMY)
3001
GS CELESTIAL BODIES
.NATURAL SATELLITES
..ICY SATELLITES
..#RHEA (ASTRONOMY)
..SATURN SATELLITES
..#RHEA (ASTRONOMY)
RT SATURN (PLANET)
SOLAR SYSTEM

RHENIUM
1703
GS CHEMICAL ELEMENTS
#RHENIUM
..RHENIUM ISOTOPES
METALS
.REFRACTORY METALS
.#RHENIUM
...RHENIUM ISOTOPES
.TRANSITION METALS
.#RHENIUM
...RHENIUM ISOTOPES
REFRACTORY MATERIALS
.REFRACTORY METALS
.#RHENIUM
...RHENIUM ISOTOPES

RHENIUM ALLOYS
1701
GS ALLOYS
.HEAT RESISTANT ALLOYS
..REFRACTORY METAL ALLOYS
..#RHENIUM ALLOYS
REFRACTORY MATERIALS
.REFRACTORY METAL ALLOYS
.#RHENIUM ALLOYS

RHENIUM COMPOUNDS
1804
RT % CHEMICAL COMPOUNDS
% GROUP 7B COMPOUNDS
% METAL COMPOUNDS

RHENIUM ISOTOPES
1703 2406
GS CHEMICAL ELEMENTS
.NUCLIDES

```
      ..ISOTOPES
      ..#RHENIUM ISOTOPES
      .RHENIUM
      .#RHENIUM ISOTOPES
      METALS
      .REFRACTORY METALS
      ..RHENIUM
      ..#RHENIUM ISOTOPES
      .TRANSITION METALS
      ..RHENIUM
      ..#RHENIUM ISOTOPES
      REFRACTORY MATERIALS
      .REFRACTORY METALS
      ..RHENIUM
      ..#RHENIUM ISOTOPES
  RT  RADIOACTIVE ISOTOPES

RHEOCASTING
  1504
  GS  FORMING TECHNIQUES
      .CASTING
      .#RHEOCASTING
  RT  ALLOYS
      CAST ALLOYS
      DIES
      FORGING
      SLURRIES
      SOLIDIFICATION

RHEOELECTRICAL SIMULATION
  1001 1108
  GS  SIMULATION
      #RHEOELECTRICAL SIMULATION
  RT  ANALOG CIRCUITS
      ANALOG SIMULATION
      BIONICS
      FLOW DISTRIBUTION

RHEOENCEPHALOGRAPHY
  0405 0408 0501
  RT  BLOOD CIRCULATION
      BRAIN
      BRAIN CIRCULATION

RHEOLOGY
  1202 2603
  RT  ELECTRORHEOLOGICAL FLUIDS
      FLOW MEASUREMENT
      FLOW THEORY
    % FLUIDS
      LIQUID FLOW
      MAXWELL FLUIDS
      NONNEWTONIAN FLUIDS
      PLASTIC FLOW
      PLASTIC PROPERTIES
      VISCOSITY

RHEOMETERS
  0501 0905 1406 3501
  GS  MEASURING INSTRUMENTS
      .FLOWMETERS
      .#RHEOMETERS
  RT  BLOOD CIRCULATION

RHESUS FACTOR
  0403 0404 0405
  RT  ANTIGENS
      BLOOD
      CONGENITAL ANOMALIES

RHEUMATIC DISEASES
  0404 0405 0408
  GS  DISEASES
      #RHEUMATIC DISEASES
  RT  ARTHRITIS

RHIZOPUS
  0409
  GS  PLANTS (BOTANY)
      .FUNGI
      .#RHIZOPUS
  RT  BLIGHT
    % MOLD

RHO-MESONS
  2403 2405
  GS  PARTICLES
      .ELEMENTARY PARTICLES
      ..BOSONS
      ...MESONS
      ....VECTOR MESONS
      ....#RHO-MESONS
      ..FERMIONS
      ...BARYONS
      ...#RHO-MESONS
      ..HADRONS
      ...BARYONS
      ...#RHO-MESONS
      ...MESONS
      ....VECTOR MESONS
      ....#RHO-MESONS
      .NUCLEAR PARTICLES
      ..BOSONS
      ...MESONS
      ....VECTOR MESONS
      ....#RHO-MESONS
  RT  CHARGED PARTICLES
      ETA-MESONS

RHODAMINE
  0403 0603 1808
  GS  DYES
      #RHODAMINE
      ORGANIC COMPOUNDS
      .CYCLIC COMPOUNDS
      .#RHODAMINE
  RT  AMINES
      DYE LASERS
      FLUORESCENCE
      LASER MATERIALS

RHODE ISLAND
  1305
  GS  NATIONS
      .UNITED STATES
      .#RHODE ISLAND
  RT  BLOCK ISLAND SOUND (RI)

RHODESIA
  USE ZIMBABWE

RHODIUM
  1703
  GS  CHEMICAL ELEMENTS
      #RHODIUM
      ..RHODIUM ISOTOPES
      METALS
      .TRANSITION METALS
      .#RHODIUM
      ...RHODIUM ISOTOPES

RHODIUM ALLOYS
  1701
  GS  ALLOYS
      #RHODIUM ALLOYS
  RT  PLATINUM ALLOYS

RHODIUM COMPOUNDS
  1804
  RT % CHEMICAL COMPOUNDS
     % GROUP 8 COMPOUNDS

RHODIUM ISOTOPES
  1804
  UF  RHODIUM 102
      RHODIUM 106
  GS  CHEMICAL ELEMENTS
      .NUCLIDES
      ..ISOTOPES
      ..#RHODIUM ISOTOPES
      .RHODIUM
      .#RHODIUM ISOTOPES
      METALS
      .TRANSITION METALS
      ..RHODIUM
```

..#RHODIUM ISOTOPES

RHODIUM 102
USE RHODIUM ISOTOPES

RHODIUM 106
USE RHODIUM ISOTOPES

RHOMBIC ANTENNAS
0901
GS ANTENNAS
.DIRECTIONAL ANTENNAS
.#RHOMBIC ANTENNAS
RT ANTENNA DESIGN
RADIO ANTENNAS

RHOMBOHEDRONS
1902
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..POLYHEDRONS
..#RHOMBOHEDRONS

RHOMBOIDS
1401
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..POLYGONS
...TETRAGONS
....PARALLELOGRAMS
....#RHOMBOIDS

RHONE DELTA (FRANCE)
1305
GS LANDFORMS
.DELTAS
.#RHONE DELTA (FRANCE)
RT FRANCE
MEDITERRANEAN SEA
RIVERS

RHYOLITE
1306 1806
GS ROCKS
.IGNEOUS ROCKS
.#RHYOLITE
RT LAVA
MAGMA
SILICON DIOXIDE

% RHYTHM
0403 0404 0408
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT OSCILLATIONS
PERIODIC VARIATIONS
RHYTHM (BIOLOGY)

RHYTHM (BIOLOGY)
0404
UF BIOLOGICAL CLOCKS
BIOLOGICAL RHYTHM
BIORHYTHMS
CHRONOBIOLOGY
PERIODICITY (BIOLOGY)
GS #RHYTHM (BIOLOGY)
.CIRCADIAN RHYTHMS
RT ACTIVITY CYCLES (BIOLOGY)
ALTERNATIONS
% BIOLOGY
CYCLES
DESYNCHRONIZATION (BIOLOGY)
JET LAG
PHENOLOGY
% RHYTHM

RIBBON PARACHUTES
0208
GS PARACHUTES
#RIBBON PARACHUTES
RT DRAG CHUTES
RECOVERY PARACHUTES

RIBBONS
0202 0208 0508 0605 1101 1703 1805
RT CONVEYORS
FABRICS
FASTENERS
METAL STRIPS
% STRIP
% TAPES

RIBLETS
0104 1204
GS GROOVES
.V GROOVES
.#RIBLETS
RT BOUNDARY LAYER CONTROL
DRAG REDUCTION
FRICTION DRAG
SHEAR LAYERS
SKIN FRICTION
STRIATION
TURBULENT BOUNDARY LAYER
VORTEX ALLEVIATION

RIBOFLAVIN
0403 0405 1808
UF VITAMIN B 2
VITAMIN G
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#RIBOFLAVIN
VITAMINS
#RIBOFLAVIN

RIBONUCLEIC ACIDS
0403 1808
UF RNA
GS ACIDS
.NUCLEIC ACIDS
.#RIBONUCLEIC ACIDS
BIOPOLYMERS
.NUCLEIC ACIDS
.#RIBONUCLEIC ACIDS
ORGANIC COMPOUNDS
.NUCLEIC ACIDS
.#RIBONUCLEIC ACIDS
RT ADENINES
GENE EXPRESSION
GENES
GUANOSINES
POLYNUCLEOTIDES

RIBOSE
0403 1808
GS ORGANIC COMPOUNDS
.CARBOHYDRATES
..SUGARS
...MONOSACCHARIDES
....PENTOSE
....#RIBOSE
RT NUCLEOSIDES

RIBS (SUPPORTS)
3202
RT LONGERONS
REINFORCEMENT (STRUCTURES)
REINFORCEMENT RINGS
STIFFENING
WEBS (SUPPORTS)

RICCATI EQUATION
1902
GS ALGEBRA
.LINEAR EQUATIONS
.#RICCATI EQUATION
ANALYSIS (MATHEMATICS)
.REAL VARIABLES
..DIFFERENTIAL EQUATIONS
..#RICCATI EQUATION
..LINEAR EQUATIONS
..#RICCATI EQUATION

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RICE
  0409 0505
  GS   FARM CROPS
       .GRAINS (FOOD)
       .#RICE
       PLANTS (BOTANY)
       #RICE
  RT   WHEAT

RICHARDS THEOREM
  1902
  GS   THEOREMS
       #RICHARDS THEOREM
  RT   NETWORK SYNTHESIS
       SIGNAL FLOW GRAPHS

RICHARDSON NUMBER
  0101 1202
  GS   RATIOS
       .DIMENSIONLESS NUMBERS
       .#RICHARDSON NUMBER
  RT   AERODYNAMIC STABILITY
       REYNOLDS NUMBER
       SHEAR FLOW

RICHARDSON-DUSHMAN EQUATION
  USE  TEMPERATURE EFFECTS
       THERMIONIC EMISSION

% RIDGES
  0102 0402 1305 1504
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW
  UF   CUESTAS
       HOGBACKS
  RT   BRIDGES (LANDFORMS)
       BUCKLING
       CORRUGATING
       GAPS (GEOLOGY)
       KARST
       LANDFORMS
       MID-OCEAN RIDGES
       MOUNTAINS
       PROTUBERANCES
       WRINKLING

RIDING QUALITY
  1505
  GS   QUALITY
       #RIDING QUALITY
  RT   COMFORT
       PASSENGERS
       SEATS
       SUSPENSION SYSTEMS (VEHICLES)
       TRANSPORTATION

RIEMANN INTEGRAL
  USE  MEASURE AND INTEGRATION

RIEMANN MANIFOLD
  1902
  UF   RIEMANN SPACE
       RIEMANN SPHERE
  GS   GEOMETRY
       .DIFFERENTIAL GEOMETRY
       .#RIEMANN MANIFOLD
       MANIFOLDS (MATHEMATICS)
       #RIEMANN MANIFOLD
  RT   EUCLIDEAN GEOMETRY

RIEMANN PROBLEM
  USE  CAUCHY PROBLEM

RIEMANN SPACE
  USE  RIEMANN MANIFOLD

RIEMANN SPHERE
  USE  RIEMANN MANIFOLD

RIEMANN WAVES
  1902 2311
  GS   ELASTIC WAVES
       .SHOCK WAVES
       .#RIEMANN WAVES
  RT   BLAST LOADS
       DIFFERENTIAL EQUATIONS
       DYNAMIC PRESSURE
       EXPLOSIONS
       HYPERBOLIC FUNCTIONS

RIESZ THEOREM
  1902
  GS   THEOREMS
       #RIESZ THEOREM
  RT   DIFFERENTIAL EQUATIONS
       HYPERBOLIC FUNCTIONS

RIFLES
  3302 3401
  GS   WEAPONS
       .GUNS (ORDNANCE)
       .#RIFLES
  RT   ARTILLERY

RIFT (REACTOR IN FLIGHT TEST)
  2202 2204 3409
  UF   REACTOR IN FLIGHT TEST PROGRAM
  RT   ELECTRIC PROPULSION
     % REACTORS
       ROCKET ENGINES
       ROVER PROJECT
       SATURN PROJECT

RIFT VALLEYS
  USE  VALLEYS

RIFTS
  USE  GEOLOGICAL FAULTS

RIGGING
  0202 1102 1103 1104 1504 3102
  RT   ASSEMBLING
       CONSTRUCTION
     % EQUIPMENT
       MATERIALS HANDLING
       SHROUDS

RIGID BODIES
  USE  RIGID STRUCTURES

RIGID MOUNTING
  0101 0102 0104 3202
  GS   MOUNTING
       #RIGID MOUNTING
  RT   PYLON MOUNTING

RIGID ROTOR HELICOPTERS
  0104 0206 3202
  GS   V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ..#RIGID ROTOR HELICOPTERS
       ....CH-3 HELICOPTER
       ....F-28 HELICOPTER
       ....XH-51 HELICOPTER
  RT % AIRCRAFT
       OH-5 HELICOPTER

RIGID ROTORS
  0104 0206 3202
  UF   HINGELESS ROTORS
  GS   AIRFOILS
       .WINGS
       ..ROTARY WINGS
       ..#RIGID ROTORS
       RIGID STRUCTURES
       #RIGID ROTORS
       ROTATING BODIES
       .ROTORS
       ..ROTARY WINGS
       ..#RIGID ROTORS
  RT   BEARINGLESS ROTORS
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RIGID ROTORS (PLASMA PHYSICS)
  2307
  GS  #RIGID ROTORS (PLASMA PHYSICS)
       .PLASMA PHYSICS
  RT   MOLECULAR COLLISIONS
       MOLECULAR ROTATION
     % PHYSICS
       PLASMA CONTROL

RIGID STRUCTURES
  3202
  UF   INELASTIC BODIES
       RIGID BODIES
       STIFF STRUCTURES
  GS  #RIGID STRUCTURES
       .RIGID ROTORS
       .RIGID WINGS
  RT   ARCHES
       COMPOSITE MATERIALS
       CONCRETE STRUCTURES
       EULER EQUATIONS OF MOTION
       HYBRID STRUCTURES
       PLASTIC BODIES
       REINFORCEMENT (STRUCTURES)
       SANDWICH STRUCTURES
       SPACE ERECTABLE STRUCTURES
       STEEL STRUCTURES
     % STRUCTURES
       TRANSLATIONAL MOTION
       WELDED STRUCTURES

RIGID WINGS
  0102 0103 0104
  SN   (EXCLUDES 'RIGID ROTORS')
  GS   AIRFOILS
       .WINGS
       .#RIGID WINGS
       RIGID STRUCTURES
       #RIGID WINGS
  RT   AEROELASTICITY
       FIXED WINGS
       FLEXIBLE WINGS
       LOW ASPECT RATIO WINGS

% RIGIDITY
  3404 3408
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   FLEXIBILITY
       MAGNETIC RIGIDITY
       MECHANICAL PROPERTIES
       MODULUS OF ELASTICITY
       RUGGEDNESS
       STIFFNESS
       STRUCTURAL STABILITY

RILLS
  USE  VALLEYS

RIMS
  0202 1101 1104 1305 1501 1504 3203
  RT % BLADES
       BORDERS
       EDGES
       MARGINS
       SIDES

RING CURRENTS
  1002 2402 2604
  GS   ELECTRIC CURRENT
       #RING CURRENTS
  RT   ATMOSPHERIC ELECTRICITY
       ELECTROJETS
       PLASMA CURRENTS

RING DISCHARGE
  1002 2402
  GS   ELECTRIC CURRENT
       .ELECTRIC DISCHARGES
       ..TOWNSEND DISCHARGE
       ...GAS DISCHARGES
       ....TOROIDAL DISCHARGE
       ....#RING DISCHARGE
  RT % DISCHARGE
       ELECTRODELESS DISCHARGES
       GAS IONIZATION
       HIGH FREQUENCIES
       RADIO FREQUENCY DISCHARGE

RING GALAXIES
  3001 3009
  GS   CELESTIAL BODIES
       .GALAXIES
       .#RING GALAXIES
  RT   ELLIPTICAL GALAXIES
       GALACTIC EVOLUTION
       GALACTIC STRUCTURE
       INTERACTING GALAXIES
       SPIRAL GALAXIES

RING LASERS
  1601
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       .#RING LASERS

RING STRUCTURES
  1504 3202
  GS  #RING STRUCTURES
       .REINFORCEMENT RINGS
       .RING WINGS
  RT   AERODYNAMIC CONFIGURATIONS
     % BANDS
       HOOPS
       REINFORCEMENT (STRUCTURES)
     % RINGS
     % STRUCTURES

RING WINGS
  0104 1204 3202
  GS   AIRFOILS
       .WINGS
       ..UNCAMBERED WINGS
       ..#RING WINGS
       ..UNSWEPT WINGS
       ..#RING WINGS
       RING STRUCTURES
       #RING WINGS
  RT   DUCTED FANS
       SHROUDED PROPELLERS
       TWISTED WINGS

% RINGS
  1504 1902 3009
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ANNULI
       BODIES OF REVOLUTION
       CIRCLES (GEOMETRY)
       JUPITER RINGS
       O RING SEALS
       PLANETARY RINGS
       REINFORCEMENT RINGS
       RING STRUCTURES
       RINGS (MATHEMATICS)
       SATURN RINGS
       STORAGE RINGS (PARTICLE
       ACCELERATORS)
       TOROIDAL PLASMAS
       TORUSES
       URANUS RINGS
       VORTEX RINGS

RINGS (MATHEMATICS)
  1902
  RT % MATHEMATICS
     % RINGS

RIO GRANDE (NORTH AMERICA)
  1305
  GS   RIVERS
       #RIO GRANDE (NORTH AMERICA)
  RT   GULF OF MEXICO
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MEXICO
NEW MEXICO
TEXAS

RIOMETERS
0710 1302 1406 2301 3501
GS MEASURING INSTRUMENTS
.RADIATION MEASURING INSTRUMENTS
.#RIOMETERS
RT ATMOSPHERIC IONIZATION
AURORAL ABSORPTION
IONOGRAMS
IONOSONDES
IONOSPHERIC NOISE
IONOSPHERIC PROPAGATION

RIPPLES
1202 2304
GS ELASTIC WAVES
.CAPILLARY WAVES
.#RIPPLES
SURFACE WAVES
.CAPILLARY WAVES
.#RIPPLES
RT GRAVITY WAVES
INTERFACIAL TENSION
WATER WAVES
WIND (METEOROLOGY)

RISERS
1504 1704
RT CASTINGS
PIPES (TUBES)

RISK
0502 1905
RT ACCEPTABILITY
ASSUMPTIONS
% CAPACITY
COMMERCE
CONFIDENCE
CONFIDENCE LIMITS
CONTINGENCY
DECISION THEORY
ESTIMATES
ESTIMATING
FINANCE
FORECASTING
GAME THEORY
HAZARDS
INVENTORY CONTROLS
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
OPERATIONS RESEARCH
PREDICTIONS
RELIABILITY
STRATEGY

RIT ENGINES
1504
UF RADIO FREQUENCY ION THRUSTOR
ENGINES
GS ENGINES
.ROCKET ENGINES
..ELECTRIC ROCKET ENGINES
...ION ENGINES
...#RIT ENGINES
RT ELECTROSTATIC ENGINES
PLASMA ENGINES

RITZ AVERAGING METHOD
1902 2403 3501
GS ANALYSIS (MATHEMATICS)
.NUMERICAL ANALYSIS
..APPROXIMATION
..#RITZ AVERAGING METHOD
RT % METHODOLOGY

RIVER BASINS
1306 1308 1305
GS LANDFORMS
.STRUCTURAL BASINS
.#RIVER BASINS
...ATCHAFALAYA RIVER BASIN (LA)
...CHENA RIVER BASIN (AK)
...COLUMBIA RIVER BASIN (ID-OR-WA)
...DELAWARE RIVER BASIN (US)
...FEATHER RIVER BASIN (CA)
...MISSOURI RIVER BASIN (US)
...SUSQUEHANNA RIVER BASIN
(MD-NY-PA)
...WABASH RIVER BASIN (IL-IN-OH)
...WADIS
RT AMAZON REGION (SOUTH AMERICA)
CHESAPEAKE BAY (US)
DEATH VALLEY (CA)
INTERNATIONAL HYDROLOGICAL DECADE
LAKES
MEANDERS
MISSISSIPPI RIVER (US)
MISSOURI RIVER (US)
RAPIDS
RAVINES
RIVERS
SACRAMENTO VALLEY (CA)
SAGINAW BAY (MI)
SAN JOAQUIN VALLEY (CA)
SHENANDOAH VALLEY (VA)
VADOSE WATER
WATERSHEDS

RIVERS
1305
GS #RIVERS
.COLORADO RIVER (NORTH AMERICA)
.HUDSON RIVER (NY-NJ)
.MISSISSIPPI RIVER (US)
.MISSOURI RIVER (US)
.OHIO RIVER (US)
.RIO GRANDE (NORTH AMERICA)
RT ALLUVIUM
AMAZON REGION (SOUTH AMERICA)
ATCHAFALAYA RIVER BASIN (LA)
AUFEIS (ICE)
BAYOUS
CANYONS
COLUMBIA RIVER BASIN (ID-OR-WA)
DELAWARE RIVER BASIN (US)
DELTAS
EARTH RESOURCES
EROSION
ESTUARIES
FEATHER RIVER BASIN (CA)
INLAND WATERS
LAKE ERIE
LAKE HURON
LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
MEANDERS
MISSISSIPPI DELTA (LA)
MISSOURI RIVER BASIN (US)
RAPIDS
RESERVOIRS
RHONE DELTA (FRANCE)
RIVER BASINS
SHOALS
SHORELINES
SOUNDS (TOPOGRAPHIC FEATURES)
STREAMS
SURFACE WATER
SUSQUEHANNA RIVER BASIN (MD-NY-PA)
TRIBUTARIES
VALLEYS
WABASH RIVER BASIN (IL-IN-OH)
WADIS
WATER COLOR
WATER RUNOFF
WATERSHEDS
WATERWAYS
WHARVES

RIVETED JOINTS
1504 1507 3203
GS JOINTS (JUNCTIONS)

```
        #RIVETED JOINTS
  RT    BOLTED JOINTS
        BUTT JOINTS
        LAP JOINTS
        METAL JOINTS
        WELDED JOINTS

RIVETING
  1507
  RT % JOINING
        RIVETS
        SEALING

RIVETS
  1504
  GS    FASTENERS
        #RIVETS
  RT    COUPLINGS
        HOLDERS
        PINS
        RIVETING

RL CIRCUITS
  0902 0904
  UF    LR CIRCUITS
  GS    CIRCUITS
        #RL CIRCUITS
        ..RLC CIRCUITS
  RT    COUPLING CIRCUITS
        ELECTRICAL RESISTANCE
        INDUCTANCE
        LC CIRCUITS
        NETWORK ANALYSIS
        NETWORK SYNTHESIS
        TIME CONSTANT
        TRANSCONDUCTANCE

RL-10 ENGINES
  2804 2808
  GS    ENGINES
        .ROCKET ENGINES
        ..LIQUID PROPELLANT ROCKET ENGINES
        ..#RL-10 ENGINES
        ....RL-10-A-1 ENGINE
        ....RL-10-A-3 ENGINE
  RT    ATLAS CENTAUR LAUNCH VEHICLE
        CENTAUR PROJECT
        CRYOGENIC ROCKET PROPELLANTS
        SATURN LAUNCH VEHICLES

RL-10-A-1 ENGINE
  2804 2808
  GS    ENGINES
        .ROCKET ENGINES
        ..LIQUID PROPELLANT ROCKET ENGINES
        ...HYDROGEN OXYGEN ENGINES
        ...#RL-10-A-1 ENGINE
        ...RL-10 ENGINES
        ...#RL-10-A-1 ENGINE

RL-10-A-3 ENGINE
  2804 2808
  GS    ENGINES
        .ROCKET ENGINES
        ..LIQUID PROPELLANT ROCKET ENGINES
        ...HYDROGEN OXYGEN ENGINES
        ...#RL-10-A-3 ENGINE
        ...RL-10 ENGINES
        ...#RL-10-A-3 ENGINE
  RT    SATURN D LAUNCH VEHICLE

RLC CIRCUITS
  0902 1002
  UF    LRC CIRCUITS
        RLC NETWORKS
  GS    CIRCUITS
        .RL CIRCUITS
        .#RLC CIRCUITS
  RT    CAPACITANCE
        CAPACITANCE SWITCHES
        ELECTRICAL RESISTANCE
        LC CIRCUITS
        NETWORK ANALYSIS
        NETWORK SYNTHESIS
        RC CIRCUITS
        TIME CONSTANT
        TRANSCONDUCTANCE

RLC NETWORKS
  USE   RLC CIRCUITS

RNA
  USE   RIBONUCLEIC ACIDS

ROADS
  3401 3404
  GS   #ROADS
        .HIGHWAYS
  RT % FACILITIES
        INTERSECTIONS
        PASSAGEWAYS
        PAVEMENTS
        RAPID TRANSIT SYSTEMS
        SITE SELECTION
        STREETS
        TRANSPORTATION
        TRANSPORTATION NETWORKS

ROADWAY POWERED VEHICLES
  1504
  GS    SURFACE VEHICLES
        #ROADWAY POWERED VEHICLES
  RT    ELECTRIC BATTERIES
        ELECTRIC MOTOR VEHICLES
        ENERGY STORAGE

ROASTING
  3407
  UF    CALCINATION
  RT    BAKING
        DESULFURIZING
        DRYING
        HEATING
        IGNITION
        OXIDATION
        REDUCTION (CHEMISTRY)
        SINTERING

ROBIN BALLOONS
  0205 3110
  GS    EXPANDABLE STRUCTURES
        .INFLATABLE STRUCTURES
        ..BALLOONS
        ...METEOROLOGICAL BALLOONS
        ...#ROBIN BALLOONS
  RT    HIGH ALTITUDE BALLOONS
        RADIOSONDES
        ROCKOONS
        SKYHOOK BALLOONS
        SOUNDING

ROBOT ARMS
  1504
  UF    ARMS (ROBOTICS)
  RT    END EFFECTORS
        MANIPULATORS
        ROBOT DYNAMICS
        ROBOTICS
        ROBOTS

ROBOT CONTROL
  1504 3404
  RT    ADAPTIVE CONTROL
      % CONTROL
        CONTROL SYSTEMS DESIGN
        CONTROL THEORY
        DYNAMIC CONTROL
        FEEDBACK CONTROL
        INVERSE KINEMATICS
        ROBOT DYNAMICS
        ROBOTICS
        ROBOTS

ROBOT DYNAMICS
  1504
```

```
  UF   ROBOT MOTION
  RT   DYNAMIC CONTROL
     % DYNAMICS
       END EFFECTORS
       INVERSE KINEMATICS
       MANIPULATORS
       ROBOT ARMS
       ROBOT CONTROL
       ROBOTICS
       TELEROBOTICS
       TRAJECTORY PLANNING

ROBOT FINGERS
  USE  END EFFECTORS

ROBOT HANDS
  USE  END EFFECTORS

ROBOT MOTION
  USE  ROBOT DYNAMICS

ROBOT SENSORS
  1409 1504
  GS  #ROBOT SENSORS
       .TACTILE SENSORS (ROBOTICS)
       .TORQUE SENSORS (ROBOTICS)
  RT   COMPUTER VISION
       ROBOTICS
       ROBOTS
     % SENSORS

ROBOTICS
  1504 4001
  GS  #ROBOTICS
       .TELEROBOTICS
  RT   ARTIFICIAL INTELLIGENCE
       AUTOMATA THEORY
       AUTOMATIC CONTROL
     % AUTOMATION
       COMPUTER AIDED DESIGN
       COMPUTER AIDED MANUFACTURING
       COMPUTER AIDED MAPPING
       COMPUTER VISION
       END EFFECTORS
       INVERSE KINEMATICS
       MAN MACHINE SYSTEMS
       MANIPULATORS
       POSITION SENSING
       ROBOT ARMS
       ROBOT CONTROL
       ROBOT DYNAMICS
       ROBOT SENSORS
       ROBOTS
       TASK PLANNING (ROBOTICS)
       TELEOPERATORS
       TRAJECTORY PLANNING
       VOICE CONTROL

ROBOTS
  1504 3404 4001
  RT   ARTIFICIAL INTELLIGENCE
       AUTOMATA THEORY
       BIONICS
       COMPUTER VISION
       END EFFECTORS
       PSYCHOLINGUISTICS
       ROBOT ARMS
       ROBOT CONTROL
       ROBOT SENSORS
       ROBOTICS
       SERVOMECHANISMS
       TACTILE SENSORS (ROBOTICS)
       TASK PLANNING (ROBOTICS)
       TELEROBOTICS
       TORQUE SENSORS (ROBOTICS)
       VOICE CONTROL

ROBUSTNESS (MATHEMATICS)
  2102
  RT   ALGORITHMS
       CONTROL STABILITY
       CONTROL THEORY
       FEEDBACK CONTROL
       LINEAR SYSTEMS
       MATHEMATICAL MODELS

ROCHE LIMIT
  1901 3009
  GS   RANGE (EXTREMES)
       #ROCHE LIMIT
  RT   CELESTIAL MECHANICS
       DIMENSIONAL STABILITY
       GRAVITATION
       NATURAL SATELLITES
       ORBITS
       ROTATING BODIES
       TWO BODY PROBLEM

ROCK BOLTS
  1504
  GS   FASTENERS
       .BOLTS
       .#ROCK BOLTS

ROCK INTRUSIONS
  1306
  UF   DIKES (GEOLOGY)
  GS  #ROCK INTRUSIONS
       .BATHOLITHS
  RT   CONTACTS (GEOLOGY)
       IGNEOUS ROCKS
       INLIERS (LANDFORMS)
       REGOLITH
       ROCKS

ROCK MECHANICS
  1305 1306
  RT   FRACTURE MECHANICS
       GEOLOGY
       ROCKS
       SOIL MECHANICS
       STRUCTURAL PROPERTIES (GEOLOGY)

ROCK SALT
  USE  HALITES

ROCKET BOOSTERS
  USE  BOOSTER ROCKET ENGINES

ROCKET CATAPULTS
  1102 1104 3102
  GS   LAUNCHERS
       .CATAPULTS
       .#ROCKET CATAPULTS
       .ROCKET LAUNCHERS
       .#ROCKET CATAPULTS
  RT   GUN LAUNCHERS
       LAUNCH VEHICLES
       LAUNCHING SITES
       MISSILES
     % ROCKETS

ROCKET CHAMBERS
  USE  THRUST CHAMBERS

ROCKET ENGINE CASES
  1507 2806 3203
  UF   MISSILE ENGINE CASES
       ROCKET MOTOR CASES
  GS   CASES (CONTAINERS)
       #ROCKET ENGINE CASES
  RT   BONDED JOINTS
       MISSILE BODIES
       ORTHOTROPIC CYLINDERS
       PERFORATED SHELLS
       SHELLS (STRUCTURAL FORMS)
       THRUST CHAMBERS

ROCKET ENGINE CONTROL
  2807 2808
  GS   ENGINE CONTROL
       #ROCKET ENGINE CONTROL
  RT   ATTITUDE CONTROL
       AUTOMATIC CONTROL
     % CONTROL
```

DIRECTIONAL CONTROL
FLIGHT CONTROL
FUEL CONTROL
HEUS ROCKET ENGINES
MISSILE CONTROL
REMOTE CONTROL
SERVOCONTROL
SPACECRAFT CONTROL
THRUST CONTROL

ROCKET ENGINE DESIGN
2808 3404
GS ENGINE DESIGN
#ROCKET ENGINE DESIGN
RT COLD FLOW TESTS
% DESIGN
ENGINE TESTS
PREFIRING TESTS
ROVER PROJECT

ROCKET ENGINE NOISE
2808 3301
GS ELASTIC WAVES
.SOUND WAVES
..NOISE (SOUND)
...ENGINE NOISE
...#ROCKET ENGINE NOISE
RT MUFFLERS

ROCKET ENGINE 9KS-11000
2808
GS ENGINES
.ROCKET ENGINES
..BOOSTER ROCKET ENGINES
..#ROCKET ENGINE 9KS-11000

ROCKET ENGINES
2808
UF INTERPLANETARY PROPULSION
GS ENGINES
#ROCKET ENGINES
..BOOSTER ROCKET ENGINES
...AJ-10 ENGINE
...ALGOL ENGINE
...APOGEE BOOST MOTORS
...H-1 ENGINE
...LR-87-AJ-5 ENGINE
...M-1 ENGINE
...M-55 ENGINE
...MA-2 ENGINE
...MA-3 ENGINE
...MA-5 ENGINE
...NIKE BOOSTER ROCKET ENGINES
...P-1 ENGINE
...ROCKET ENGINE 9KS-11000
...SPACE SHUTTLE BOOSTERS
....ADVANCED SOLID ROCKET MOTOR (STS)
...X-405 ENGINE
..DUCTED ROCKET ENGINES
..ELECTRIC ROCKET ENGINES
...ELECTROSTATIC ENGINES
...ELECTROTHERMAL ENGINES
....ARC JET ENGINES
....RESISTOJET ENGINES
...ION ENGINES
....CESIUM ENGINES
....MERCURY ION ENGINES
....RIT ENGINES
..HEUS ROCKET ENGINES
..HOT WATER ROCKET ENGINES
..HYBRID PROPELLANT ROCKET ENGINES
...LITHERGOL ROCKET ENGINES
..LIQUID PROPELLANT ROCKET ENGINES
...AJ-10 ENGINE
...F-1 ROCKET ENGINE
...H-1 ENGINE
...HYDRAZINE ENGINES
...HYDROGEN OXYGEN ENGINES
....J-2 ENGINE
....M-1 ENGINE
....RL-10-A-1 ENGINE
....RL-10-A-3 ENGINE
...LIQUID AIR CYCLE ENGINES
...LR-62-RM-2 ENGINE
...LR-87-AJ-5 ENGINE
...LR-91-AJ-5 ENGINE
...LR-99 ENGINE
...MA-2 ENGINE
...MA-3 ENGINE
...MA-5 ENGINE
...OXYGEN-HYDROCARBON ROCKET ENGINES
...RL-10 ENGINES
....RL-10-A-1 ENGINE
....RL-10-A-3 ENGINE
...SPACE SHUTTLE MAIN ENGINE
...X-405 ENGINE
...XLR-99 ENGINE
...YLR-91-AJ-1 ENGINE
..M-100 ENGINE
..MICROROCKET ENGINES
...ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)
..NOZZLELESS ROCKET ENGINES
..NUCLEAR ENGINE FOR ROCKET VEHICLES
..NUCLEAR RAMJET ENGINES
..NUCLEAR ROCKET ENGINES
...NUCLEAR LIGHTBULB ENGINES
..RESTARTABLE ROCKET ENGINES
..RETROROCKET ENGINES
...BE-3 ENGINE
..REUSABLE ROCKET ENGINES
..SOLID PROPELLANT ROCKET ENGINES
...ALGOL ENGINE
...APOGEE BOOST MOTORS
...ASROC ENGINE
...HERCULES ENGINE
...M-46 ENGINE
...M-55 ENGINE
...M-56 ENGINE
...M-57 ENGINE
...NIKE BOOSTER ROCKET ENGINES
...P-1 ENGINE
...SL-3 ROCKET ENGINE
...SPACE SHUTTLE BOOSTERS
....ADVANCED SOLID ROCKET MOTOR (STS)
...SYNCOM APOGEE ENGINES
...TU-121 ENGINE
...TX-77 ENGINE
...TX-354 ENGINE
...X-248 ENGINE
...X-254 ENGINE
...X-258 ENGINES
....X-258-B1 ENGINE
...X-259 ENGINE
...XM-33 ENGINE
..SUSTAINER ROCKET ENGINES
..TURBOROCKET ENGINES
..ULLAGE ROCKET ENGINES
..UPPER STAGE ROCKET ENGINES
..VERNIER ENGINES
...SYNCOM APOGEE ENGINES
RT AIRCRAFT ENGINES
AXIAL MODES
BURNING TIME
DUMP COMBUSTORS
EJECTORS
EXHAUST NOZZLES
EXPENDABLE STAGES (SPACECRAFT)
HEAVY LIFT LAUNCH VEHICLES
HYBRID PROPULSION
IGNITION SYSTEMS
INTERNAL COMBUSTION ENGINES
JET ENGINES
JET PROPULSION
LASER PROPULSION
LAUNCH VEHICLES
LUNAR MODULE ASCENT STAGE
MAGNETOPLASMADYNAMICS
MATTER-ANTIMATTER PROPULSION
MISSILE CONFIGURATIONS
MISSILES

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        MULTISTAGE ROCKET VEHICLES
        NEGATIVE MATTER PROPULSION
        POST BOOST PROPULSION SYSTEM
      % PROPELLANT ACTUATED DEVICES
        PROPELLANT EXPLOSIONS
        REFRACTORIES
        REUSABLE LAUNCH VEHICLES
        RIFT (REACTOR IN FLIGHT TEST)
      % ROCKETS
        SINGLE STAGE ROCKET VEHICLES
        SOLID ROCKET PROPELLANTS
        SPACECRAFT COMPONENTS
        SPACECRAFT PROPULSION
        SPACECRAFT STRUCTURES
        THRUST
        THRUST VECTOR CONTROL
        THRUST-WEIGHT RATIO
      % THRUSTORS

ROCKET EXHAUST
  1203 2808
  GS   PLUMES
       #ROCKET EXHAUST
  RT   BASE HEATING
       COMBUSTION PRODUCTS
       EXHAUST CLOUDS
       EXHAUST GASES
       EXHAUST SYSTEMS
       JET EXHAUST

ROCKET FIRING
  2808 3301
  GS   FIRING (IGNITING)
       #ROCKET FIRING
       ..RETROFIRING
  RT   BURNING TIME
       DETONATION
       LIFTOFF (LAUNCHING)
       STATIC FIRING
       TEST FIRING

ROCKET FLIGHT
  0101 2807 3006 3106
  RT   CLIMBING FLIGHT
       COASTING FLIGHT
     % FLIGHT
       FLIGHT PATHS
       HORIZONTAL FLIGHT
       HYPERSONIC FLIGHT
       METEOROLOGICAL FLIGHT
       SPACE FLIGHT
       SUBORBITAL FLIGHT
       SUPERSONIC FLIGHT
       TRAJECTORIES
       TRANSONIC FLIGHT
       VERTICAL FLIGHT

ROCKET LAUNCHERS
  1104 3103 3106
  GS   LAUNCHERS
       #ROCKET LAUNCHERS
       ..ROCKET CATAPULTS
  RT   GROUND SUPPORT EQUIPMENT
       GUN LAUNCHERS
       LAUNCH VEHICLES
       LAUNCHING
       LAUNCHING SITES
       MISSILE LAUNCHERS
     % ROCKETS
       ROCKOONS
       SEA LAUNCHING

ROCKET LAUNCHING
  1104 3103 3106
  UF   BLASTOFF
  GS   LAUNCHING
       #ROCKET LAUNCHING
       ..LIFTOFF (LAUNCHING)
       ..LUNAR LAUNCH
       ..ORBITAL LAUNCHING
  RT   EXHAUST CLOUDS
       LAUNCH VEHICLES
       LAUNCH WINDOWS
       LAUNCHERS
       SPACECRAFT LAUNCHING

ROCKET LININGS
  0602 1802 2806
  GS   LININGS
       #ROCKET LININGS
  RT   BONDED JOINTS
       ENGINE PARTS
       REFRACTORIES

ROCKET MOTOR CASES
  USE  ROCKET ENGINE CASES

ROCKET NOSE CONES
  2806
  GS   CONES
       .NOSE CONES
       .#ROCKET NOSE CONES
       FOREBODIES
       .NOSES (FOREBODIES)
       ..NOSE CONES
       ..#ROCKET NOSE CONES
  RT   ABLATIVE NOSE CONES

ROCKET NOZZLES
  2806 2808
  GS   #ROCKET NOZZLES
       .DUAL THRUST NOZZLES
  RT   ANNULAR NOZZLES
       CARBON-PHENOLIC COMPOSITES
       CONICAL NOZZLES
       CONVERGENT-DIVERGENT NOZZLES
       DIVERGENT NOZZLES
       HYPERSONIC NOZZLES
       NOZZLE INSERTS
       NOZZLELESS ROCKET ENGINES
     % NOZZLES
       PLUG NOZZLES
       SKIRTS
       SPIKE NOZZLES
       SUPERSONIC NOZZLES

ROCKET OXIDIZERS
  2702 2804 2809 3301
  UF   PROPELLANT OXIDIZERS
  GS   OXIDIZERS
       #ROCKET OXIDIZERS
       ..FLOX
       ..TAGN
  RT   CRYOGENIC FLUIDS
       DOMINO PROPELLANTS
       HIGH ENERGY OXIDIZERS
       HYDROGEN PEROXIDE
       LIQUID OXIDIZERS
       LIQUID OXYGEN
       NITROGEN TETROXIDE
       NITRONIUM PERCHLORATE
       TATB
       TETRAFLUOROHYDRAZINE

ROCKET PLANES
  0201 3106
  GS   ROCKET VEHICLES
       #ROCKET PLANES
       ..X-1 AIRCRAFT
       ..X-2 AIRCRAFT
       ..X-15 AIRCRAFT
  RT   AEROSPACE PLANES
     % AIRCRAFT
       BOOSTGLIDE VEHICLES
       RESEARCH AIRCRAFT

ROCKET PROPELLANT TANKS
  USE  PROPELLANT TANKS

ROCKET PROPELLANTS
  2702
  UF   MULTIPROPELLANTS
  GS   PROPELLANTS
       #ROCKET PROPELLANTS
       ..GASEOUS ROCKET PROPELLANTS
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        ..LIQUID ROCKET PROPELLANTS
        ...CRYOGENIC ROCKET PROPELLANTS
        ...GELLED ROCKET PROPELLANTS
        ...HYPERGOLIC ROCKET PROPELLANTS
        ...MONOPROPELLANTS
        ....AEROZINE
        ...RP-1 ROCK ET PROPELLANTS
        ...SLURRY PROPELLANTS
        ....SLUSH HYDROGEN
        ..NITRAMINE PROPELLANTS
        ..SOLID ROCKET PROPELLANTS
        ...DOUBLE BASE ROCKET PROPELLANTS
        ...METAL PROPELLANTS
        ..TAGN
        ..TATB
  RT    ASCENT PROPULSION SYSTEMS
        AUXILIARY PROPULSION
        FUELS
        HYDRAZINES
        HYDROCARBON FUELS
        MISSILES
        PROPELLANT BINDERS
        PROPELLANT STORAGE
        PROPULSION
        SOLID PROPELLANTS
        SPECIFIC IMPULSE
        STORABLE PROPELLANTS
        THRUST
        TORPEDO ENGINES

ROCKET PROPELLED SLEDS
  2808 3404
  GS    SURFACE VEHICLES
        .SLEDS
        .#ROCKET PROPELLED SLEDS
  RT    JAVELIN ROCKET VEHICLE
     %  TEST EQUIPMENT

ROCKET SONDES
  USE   SOUNDING ROCKETS

ROCKET SOUNDING
  2003 3004 3007 3108
  GS    SOUNDING
        #ROCKET SOUNDING
  RT    ACOUSTIC SOUNDING
        ATMOSPHERIC SOUNDING
        BARIUM ION CLOUDS
        IN SITU MEASUREMENT
        IONOSPHERIC SOUNDING
        JUDI-DART ROCKET
        MICROWAVE SOUNDING
        SATELLITE SOUNDING
        SOUNDING ROCKETS

ROCKET TEST FACILITIES
  1108 3106
  GS    TEST FACILITIES
        #ROCKET TEST FACILITIES
  RT    ENGINE TESTS
        TEST FIRING
        TEST RANGES
        TEST STANDS

ROCKET THRUST
  0101 2308 3106
  GS    THRUST
        #ROCKET THRUST
        ..RETROTHRUST
  RT    HIGH THRUST
        JET THRUST
        LIFTOFF (LAUNCHING)
        LOW THRUST
        LOW THRUST PROPULSION
        MICROTHRUST
        PROPULSION SYSTEM PERFORMANCE
        SPECIFIC IMPULSE
        STATIC THRUST
        THRUST LOADS
        THRUST TERMINATION
        VARIABLE THRUST

ROCKET VEHICLES
  3106 3110
  GS   #ROCKET VEHICLES
        .ARCON ROCKET VEHICLE
        .BLUE STREAK LAUNCH VEHICLE
        .BLUE STREAK MISSILE
        .CENTAUR LAUNCH VEHICLE
        ..ATLAS CENTAUR LAUNCH VEHICLE
        .FOLDING FIN AIRCRAFT ROCKET
         VEHICLE
        .HOVERING ROCKET VEHICLES
        .METEOR 1 ROCKET VEHICLE
        .MULTISTAGE ROCKET VEHICLES
        ..ABLESTAR LAUNCH VEHICLE
        ..ANTARES ROCKET VEHICLE
        ..ARGO ROCKET VEHICLES
        ..ARIANE LAUNCH VEHICLE
        ..ASTROBEE ROCKET VEHICLES
        ...ASTROBEE 1500 ROCKET VEHICLE
        ..ATHENA ROCKET VEHICLE
        ..ATLAS LAUNCH VEHICLES
        ...ATLAS ABLE 5 LAUNCH VEHICLE
        ...ATLAS AGENA B LAUNCH VEHICLE
        ...ATLAS AGENA LAUNCH VEHICLES
        ...ATLAS CENTAUR LAUNCH VEHICLE
        ...ATLAS SLV-3 LAUNCH VEHICLE
        ..BERENICE ROCKET VEHICLE
        ..BLACK KNIGHT ROCKET VEHICLE
        ..BLUE SCOUT ROCKET VEHICLE
        ..DIAMANT LAUNCH VEHICLE
        ..ELDO LAUNCH VEHICLE
        ..EXOS SOUNDING ROCKET
        ..JAGUAR ROCKET VEHICLE
        ..JAVELIN ROCKET VEHICLE
        ..JUNO LAUNCH VEHICLES
        ...JUNO 1 LAUNCH VEHICLE
        ...JUNO 2 LAUNCH VEHICLE
        ..JUPITER C ROCKET VEHICLE
        ..KAPPA ROCKET VEHICLES
        ...KAPPA 8 ROCKET VEHICLE
        ...KAPPA 9 ROCKET VEHICLE
        ..LAMBDA ROCKET VEHICLES
        ..LITTLE JOE 2 LAUNCH VEHICLE
        ..NIKE ROCKET VEHICLES
        ...NIKE-APACHE ROCKET VEHICLE
        ...NIKE-CAJUN ROCKET VEHICLE
        ...NIKE-HYDAC ROCKET VEHICLE
        ...NIKE-IROQUOIS ROCKET VEHICLE
        ...NIKE-JAVELIN ROCKET VEHICLE
        ...NIKE-TOMAHAWK ROCKET VEHICLE
        ..NOVA LAUNCH VEHICLES
        ..PEGASUS AIR-LAUNCHED BOOSTER
        ..PHOENIX SOUNDING ROCKET
        ..RAM B LAUNCH VEHICLE
        ..RUBIS ROCKET VEHICLE
        ..SATURN LAUNCH VEHICLES
        ...SATURN D LAUNCH VEHICLE
        ...SATURN 1 LAUNCH VEHICLES
        ....SATURN 1 SA-1 LAUNCH VEHICLE
        ....SATURN 1 SA-2 LAUNCH VEHICLE
        ....SATURN 1 SA-3 LAUNCH VEHICLE
        ....SATURN 1 SA-4 LAUNCH VEHICLE
        ....SATURN 1 SA-5 LAUNCH VEHICLE
        ....SATURN 1 SA-6 LAUNCH VEHICLE
        ....SATURN 1 SA-7 LAUNCH VEHICLE
        ....SATURN 1 SA-8 LAUNCH VEHICLE
        ....SATURN 1 SA-9 LAUNCH VEHICLE
        ....SATURN 1 SA-10 LAUNCH VEHICLE
        ...SATURN 1B LAUNCH VEHICLES
        ...SATURN 2 LAUNCH VEHICLES
        ...SATURN 5 LAUNCH VEHICLES
        ..SCOUT LAUNCH VEHICLE
        ..SKYLARK ROCKET VEHICLE
        ..THOR LAUNCH VEHICLES
        ...THOR ABLE ROCKET VEHICLE
        ...THOR AGENA LAUNCH VEHICLE
        ...THOR DELTA LAUNCH VEHICLE
        ..TITAN LAUNCH VEHICLES
        ...TITAN 3 LAUNCH VEHICLE
        ...TITAN 4 LAUNCH VEHICLE
        ..VANGUARD 2 LAUNCH VEHICLE
        ..VEGA LAUNCH VEHICLE
        ..WASP SOUNDING ROCKET
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.PAYLOAD ASSIST MODULE
.ROCKET PLANES
..X-1 AIRCRAFT
..X-2 AIRCRAFT
..X-15 AIRCRAFT
.SATURN STAGES
..SATURN S-1 STAGE
..SATURN S-1B STAGE
..SATURN S-1C STAGE
..SATURN S-2 STAGE
..SATURN S-4 STAGE
..SATURN S-4B STAGE
.SINGLE STAGE ROCKET VEHICLES
..AGENA ROCKET VEHICLES
...AGENA A ROCKET VEHICLE
...AGENA B ROCKET VEHICLE
...AGENA C ROCKET VEHICLE
...AGENA D ROCKET VEHICLE
..ARCAS ROCKET VEHICLES
..BLACK BRANT SOUNDING ROCKETS
...BLACK BRANT 1 SOUNDING ROCKET
...BLACK BRANT 2 SOUNDING ROCKET
...BLACK BRANT 3 SOUNDING ROCKET
...BLACK BRANT 4 SOUNDING ROCKET
...BLACK BRANT 5 SOUNDING ROCKET
..BLACK KNIGHT ROCKET VEHICLE
..DORNIER PARAGLIDER ROCKET VEHICLE
..GENIE ROCKET VEHICLE
..HONEST JOHN ROCKET VEHICLE
..HYLA-STAR ROCKET VEHICLE
..LITTLE JOHN ROCKET VEHICLE
..LOKI ROCKET VEHICLE
..NOMAD LAUNCH VEHICLE
..VERONIQUE ROCKET VEHICLES
..VIKING ROCKET VEHICLE
..ZUNI ROCKET VEHICLE
.SOUNDING ROCKETS
..AEROBEE ROCKET VEHICLE
..ANTARES ROCKET VEHICLE
..APACHE ROCKET VEHICLE
..ARCAS ROCKET VEHICLES
..ARIES SOUNDING ROCKET
..ASTROBEE ROCKET VEHICLES
...ASTROBEE 1500 ROCKET VEHICLE
..BLACK BRANT SOUNDING ROCKETS
...BLACK BRANT 1 SOUNDING ROCKET
...BLACK BRANT 2 SOUNDING ROCKET
...BLACK BRANT 3 SOUNDING ROCKET
...BLACK BRANT 4 SOUNDING ROCKET
...BLACK BRANT 5 SOUNDING ROCKET
..CAJUN ROCKET VEHICLE
..DORNIER PARAGLIDER ROCKET VEHICLE
..EXOS SOUNDING ROCKET
..JAGUAR ROCKET VEHICLE
..JUDI-DART ROCKET
..KAPPA ROCKET VEHICLES
...KAPPA 8 ROCKET VEHICLE
...KAPPA 9 ROCKET VEHICLE
..LAMBDA ROCKET VEHICLES
..LOKI ROCKET VEHICLE
..PETREL SOUNDING ROCKET
..PHOENIX SOUNDING ROCKET
..SKUA ROCKET VEHICLES
..SKYLARK ROCKET VEHICLE
..VENUS FLY TRAP ROCKET VEHICLE
..VERONIQUE ROCKET VEHICLES
..VERTICAL 8 ROCKET
..WASP SOUNDING ROCKET
.STANDARD LAUNCH VEHICLES
..ATLAS SLV-3 LAUNCH VEHICLE
..STANDARD LAUNCH VEHICLE 5
.SURFACE TO SURFACE ROCKETS
..HONEST JOHN ROCKET VEHICLE
..LITTLE JOHN ROCKET VEHICLE
.THORAD LAUNCH VEHICLES
..THOR ABLE ROCKET VEHICLE
..THOR AGENA LAUNCH VEHICLE
..THOR DELTA LAUNCH VEHICLE
.TITAN CENTAUR LAUNCH VEHICLE

RT ACOUSTIC SOUNDING
% BALLISTIC VEHICLES
% FLIGHT VEHICLES
HEUS ROCKET ENGINES
LAUNCH VEHICLES
MISSILE CONFIGURATIONS
MULTIENGINE VEHICLES
% ROCKETS
SPACE PROCESSING APPLICATIONS
ROCKET
STAGE SEPARATION
TEST VEHICLES
TRAILBLAZER 1 REENTRY VEHICLE
TRAILBLAZER 2 REENTRY VEHICLE
% VEHICLES
% WINGED VEHICLES
X-17 REENTRY VEHICLE

ROCKET-BORNE INSTRUMENTS
1410 2102 2806 2807 3106
RT CONTROLLERS
FLIGHT TEST INSTRUMENTS
% INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
POSITION INDICATORS

ROCKET-BORNE PHOTOGRAPHY
1407 3009 3106
GS IMAGERY
#ROCKET-BORNE PHOTOGRAPHY
PHOTOGRAPHY
#ROCKET-BORNE PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
PHOTOMAPPING
SATELLITE-BORNE PHOTOGRAPHY
SPACEBORNE PHOTOGRAPHY

% ROCKETS
3106 3110
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AIR SLEW MISSILES
AMMUNITION
ESCAPE ROCKETS
HEAVY LIFT LAUNCH VEHICLES
INCENDIARY AMMUNITION
LAUNCH VEHICLES
MISSILES
NUCLEAR RAMJET ENGINES
NUCLEAR ROCKET ENGINES
NUCLEAR WEAPONS
PATRIOT MISSILE
PETREL SOUNDING ROCKET
PYROTECHNICS
REENTRY
REENTRY VEHICLES
ROCKET CATAPULTS
ROCKET ENGINES
ROCKET LAUNCHERS
ROCKET VEHICLES
ROCKOONS
SPACE FLIGHT
SURFACE TO AIR MISSILES
SURFACE TO SURFACE MISSILES
SURFACE TO SURFACE ROCKETS
TORPEDOES
VERTICAL 8 ROCKET
WARHEADS
WEAPON SYSTEMS
WEAPONS DELIVERY

ROCKOONS
0205 2809 3106 3108
RT HIGH ALTITUDE BALLOONS
METEOROLOGICAL BALLOONS
ROBIN BALLOONS
ROCKET LAUNCHERS
% ROCKETS
SKYHOOK BALLOONS

ROCKS
1305 1306 3009

```
  UF   STONES (ROCKS)
  GS  #ROCKS
       .ANDESITE
       .ATAXITE
       .BEDROCK
       ..BALTIC SHIELD (EUROPE)
       ..BATHOLITHS
       .BRECCIA
       .GNEISS
       .IGNEOUS ROCKS
       ..ANORTHOSITE
       ..BASALT
       ..DIORITE
       ..DUNITE
       ..ECLOGITE
       ..FELSITE
       ..GABBRO
       ..GRANITE
       ..OBSIDIAN
       ...MOLDAVITE
       ..PERIDOTITE
       ..PUMICE
       ..RHYOLITE
       ..SYENITE
       ..TRACHYTE
       .LUNAR ROCKS
       ..KREEP
       .METAMORPHIC ROCKS
       ..QUARTZITE
       .REGOLITH
       .SCHIST
       .SEDIMENTARY ROCKS
       ..CARBONACEOUS ROCKS
       ...COAL
       ....ANTHRACITE
       ....LIGNITE
       ..LIMESTONE
       ..SANDSTONES
       ..SHALES
       .SHATTER CONES
  RT   AGGREGATES
       BAUXITE
       BOREHOLES
       CLAYS
       CONTACTS (GEOLOGY)
       CROSSBEDDING (GEOLOGY)
       DIRT
       DOLOMITE (MINERAL)
       EARTH RESOURCES
       EFFUSIVES
       ENSTATITE
       FOLDS (GEOLOGY)
       FORMATIONS
       GEOLOGY
       GYPSUM
       INLIERS (LANDFORMS)
       KARST
       LANDSLIDES
       LATERITES
       LAVA
       LEDGES
       LITHOLOGY
       MAGMA
       METAMORPHISM (GEOLOGY)
       MINERALS
       NUNATAKS
       OLIVINE
       OUTLIERS (LANDFORMS)
       PALEOMAGNETISM
       PETROGRAPHY
       PETROLOGY
       PYROXENES
       QUARTZ
       REEFS
       ROCK INTRUSIONS
       ROCK MECHANICS
       SERPENTINE
       SOILS
       STRATIGRAPHY
       TUNNELING (EXCAVATION)

ROCKWELL HARDNESS
  1504 1704 1806 2601
  GS   MECHANICAL PROPERTIES
       .HARDNESS
       .#ROCKWELL HARDNESS
  RT   MICROHARDNESS

ROCKY MOUNTAINS (NORTH AMERICA)
  1305
  GS   LANDFORMS
       .MOUNTAINS
       .#ROCKY MOUNTAINS (NORTH AMERICA)
  RT   CANADA
       UNITED STATES

RODENTS
  0402
  GS   ANIMALS
       .VERTEBRATES
       ..MAMMALS
       ..#RODENTS
       ....GUINEA PIGS
       ....HAMSTERS
       ....MICE
       .....JERBOAS
       .....POCKET MICE
       ....RABBITS
       ....RATS
       ....SQUIRRELS
       .....GROUND SQUIRRELS

RODS
  0403 0404 0406 0408 1504 3203
  GS  #RODS
       .CONTROL RODS
  RT   BARS
       BILLETS
       DIRECTORS (ANTENNA ELEMENTS)
       STRUCTURAL MEMBERS
       WIRE

ROENTGEN SATELLITE
  USE  ROSAT MISSION

ROGALLO WINGS
  USE  FLEXIBLE WINGS
       FOLDING STRUCTURES

ROLL
  0101 0201 1504 1704 1805 3203
  GS   ATTITUDE (INCLINATION)
       #ROLL
  RT   DAMPING
       LATERAL CONTROL
       LATERAL OSCILLATION
       LATERAL STABILITY
       PITCH (INCLINATION)
       ROLLERS
     % ROLLING
       ROLLING MOMENTS
       ROTATION
       SIDESLIP
       TURNING FLIGHT
       YAW

ROLL CONTROL
  USE  LATERAL CONTROL

ROLL FORMING
  1504
  GS   FORMING TECHNIQUES
       #ROLL FORMING
  RT   COLD WORKING
       METAL WORKING

ROLLER BEARINGS
  1503 1504
  GS   BEARINGS
       .ANTIFRICTION BEARINGS
       .#ROLLER BEARINGS
  RT   BALL BEARINGS
       NEEDLE BEARINGS
       THRUST BEARINGS
```

ROLLERS
1504
RT CONVEYORS
CYLINDRICAL BODIES
DISPENSERS
DISTRIBUTORS
IDLERS
PLATENS
PULLEYS
ROLL
TIRES
VEHICLE WHEELS
WHEELS

% ROLLING
0201 2102 3407
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AUSFORMING
FLATTENING
FORGING
LEVELING
METAL WORKING
ROLL

ROLLING CONTACT LOADS
1504
GS LOADS (FORCES)
.DYNAMIC LOADS
..CONTACT LOADS
..#ROLLING CONTACT LOADS
RT ANTIFRICTION BEARINGS
STRESSES
STRUCTURAL DESIGN CRITERIA

ROLLING MOMENTS
0101 0102 0201
GS MOMENTS
.STABILITY DERIVATIVES
.#ROLLING MOMENTS
RT AERODYNAMIC COEFFICIENTS
LATERAL STABILITY
MOMENTS OF INERTIA
PITCHING MOMENTS
ROLL
TORQUE
YAWING MOMENTS

ROLLUP SOLAR ARRAYS
USE SOLAR ARRAYS

ROM DEVICES
USE READ-ONLY MEMORY DEVICES

ROMANIA
1305
UF RUMANIA
GS NATIONS
#ROMANIA
RT BLACK SEA
CENTRAL EUROPE
EUROPE

RONCHI TEST
1411
GS INTERFEROMETRY
#RONCHI TEST
RT ELECTROMAGNETIC RADIATION
ETALONS
GRATINGS (SPECTRA)
INTERFEROMETERS
MEASURING INSTRUMENTS
OPTICAL MEASUREMENT

ROOFS
3202
RT BUILDINGS
SHEATHS

ROOM TEMPERATURE
0603 1408
GS TEMPERATURE
#ROOM TEMPERATURE
RT AMBIENT TEMPERATURE
OPERATING TEMPERATURE

ROOMS
0405 0701 0803 1101 1104 1106 3404
GS #ROOMS
.CLEAN ROOMS
.DARKROOMS
RT COMPARTMENTS
ENCLOSURES
% LOUNGES

ROOT-MEAN-SQUARE ERRORS
1905
GS ERRORS
#ROOT-MEAN-SQUARE ERRORS
RT ERROR ANALYSIS
STATISTICAL ANALYSIS

% ROOTS
0104 0409 1902
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT PLANT ROOTS
RADICALS
ROOTS OF EQUATIONS
WING ROOTS

ROOTS OF EQUATIONS
1902
UF ZERO CROSSINGS
RT EIGENVALUES
% EQUATIONS
EXISTENCE THEOREMS
MATRICES (MATHEMATICS)
NEWTON METHODS
NONLINEAR EQUATIONS
POLYNOMIALS
% ROOTS

RORSCHACH TESTS
0408 0410
GS PSYCHOLOGICAL TESTS
#RORSCHACH TESTS
RT MENTAL HEALTH
PSYCHOLOGY
% TESTS

ROSAT MISSION
3110 2903 3001
UF ROENTGEN SATELLITE
GS ARTIFICIAL SATELLITES
#ROSAT MISSION
OBSERVATORIES
.ASTRONOMICAL OBSERVATORIES
.#ROSAT MISSION
RT ASTRONOMICAL SATELLITES
INTERNATIONAL COOPERATION
SPACEBORNE ASTRONOMY
SPACEBORNE TELESCOPES
X RAY ASTRONOMY
X RAY SOURCES
X RAY TELESCOPES

ROSETTE SHAPES
3203
GS SHAPES
#ROSETTE SHAPES
RT ANTENNA RADIATION PATTERNS
CRYSTALLITES
SPHERULITES
STRAIN GAGES

ROSHKO PREDICTION
1202 1203 1204
GS PREDICTIONS
#ROSHKO PREDICTION
RT BLUFF BODIES
LAMINAR FLOW
OSEEN APPROXIMATION

THREE DIMENSIONAL FLOW

ROSIN
1805 1808
GS GUMS (SUBSTANCES)
#ROSIN
RT ORGANIC MATERIALS

ROSS ICE SHELF
1305
GS REGIONS
.POLAR REGIONS
..ANTARCTIC REGIONS
..#ROSS ICE SHELF
SOUTHERN HEMISPHERE
.ANTARCTIC REGIONS
.#ROSS ICE SHELF
RT MCMURDO SOUND

ROSSBY REGIMES
1202 1203 2003
RT BAROTROPIC FLOW
PLANETARY WAVES

ROSSBY WAVES
USE PLANETARY WAVES

ROTARY DRIVES
USE MECHANICAL DRIVES

ROTARY ENGINES
GS ENGINES
.INTERNAL COMBUSTION ENGINES
.#ROTARY ENGINES
...WANKEL ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILE ENGINES
PISTON ENGINES

ROTARY GYROSCOPES
0101 0202 1403
GS GYROSCOPES
#ROTARY GYROSCOPES
..FLUID ROTOR GYROSCOPES
RT GYROSCOPE FLUIDS
GYROSCOPIC STABILITY
ROTATING BODIES

ROTARY STABILITY
0101 0104 0201
UF WHIRL INSTABILITY
GS DYNAMIC CHARACTERISTICS
.DYNAMIC STABILITY
..MOTION STABILITY
..#ROTARY STABILITY
....GYROSCOPIC STABILITY
STABILITY
.DYNAMIC STABILITY
..MOTION STABILITY
..#ROTARY STABILITY
....GYROSCOPIC STABILITY
RT AIRFOIL OSCILLATIONS
DIRECTIONAL STABILITY
FLOW STABILITY
LATERAL STABILITY
LONGITUDINAL STABILITY
ROTATING BODIES
ROTATION
ROTOR DYNAMICS

ROTARY WING AIRCRAFT
0104 0201 0206
UF ROTORCRAFT
GS V/STOL AIRCRAFT
#ROTARY WING AIRCRAFT
..AUTOGYROS
...AVIAN 2/180 AUTOGIRO
..HELICOPTERS
...ALOUETTE HELICOPTERS
....SA-330 HELICOPTER
....SE-3160 HELICOPTER
...COMPOUND HELICOPTERS
...H-17 HELICOPTER
...LIGHT HELICOPTERS
....OH-4 HELICOPTER
....OH-5 HELICOPTER
....OH-6 HELICOPTER
....OH-58 HELICOPTER
...MILITARY HELICOPTERS
....AH-1G HELICOPTER
....AH-64 HELICOPTER
....BELL 214A HELICOPTER
....BO-105 HELICOPTER
....CH-3 HELICOPTER
....CH-21 HELICOPTER
....CH-34 HELICOPTER
....CH-46 HELICOPTER
....CH-47 HELICOPTER
....CH-54 HELICOPTER
....H-19 HELICOPTER
....H-43 HELICOPTER
....H-53 HELICOPTER
....H-54 HELICOPTER
....H-56 HELICOPTER
....H-60 HELICOPTER
....HC-3 HELICOPTER
....HEAVY LIFT HELICOPTERS
.....CH-62 HELICOPTER
....HH-43 HELICOPTER
....OH-4 HELICOPTER
....OH-5 HELICOPTER
....OH-6 HELICOPTER
....OH-13 HELICOPTER
....OH-23 HELICOPTER
....OH-58 HELICOPTER
....P-531 HELICOPTER
....QH-50 HELICOPTER
....S-58 HELICOPTER
....S-61 HELICOPTER
....SA-321 HELICOPTER
....SA-330 HELICOPTER
....SH-3 HELICOPTER
....SH-4 HELICOPTER
....SIKORSKY WHIRLWIND HELICOPTER
....UH-1 HELICOPTER
....UH-2 HELICOPTER
....UH-34 HELICOPTER
....UH-60A HELICOPTER
....UH-61A HELICOPTER
....WESTLAND WHIRLWIND HELICOPTER
....XV-9A AIRCRAFT
...RIGID ROTOR HELICOPTERS
....CH-3 HELICOPTER
....F-28 HELICOPTER
....XH-51 HELICOPTER
...TANDEM ROTOR HELICOPTERS
....CH-46 HELICOPTER
....CH-47 HELICOPTER
....H-25 HELICOPTER
...TH-55 HELICOPTER
..ROTOR SYSTEMS RESEARCH AIRCRAFT
..TILT ROTOR AIRCRAFT
...V-22 AIRCRAFT
...XV-15 AIRCRAFT
RT % AIRCRAFT
AUTOROTATION
COMMERCIAL AIRCRAFT
LIFTING ROTORS
% MILITARY AIRCRAFT
PASSENGER AIRCRAFT
SHORT TAKEOFF AIRCRAFT
% SUBSONIC AIRCRAFT
TRANSPORT AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WESER AIRCRAFT
WESTLAND AIRCRAFT

ROTARY WINGS
0104 0201 0202
UF HELICOPTER ROTORS
HINGED ROTOR BLADES
GS AIRFOILS
.WINGS
.#ROTARY WINGS
...CIRCULATION CONTROL ROTORS

...LIFTING ROTORS
....BEARINGLESS ROTORS
...RIGID ROTORS
...TILTING ROTORS
...TIP DRIVEN ROTORS
...X WING ROTORS
ROTATING BODIES
.ROTORS
.#ROTARY WINGS
...CIRCULATION CONTROL ROTORS
...LIFTING ROTORS
....BEARINGLESS ROTORS
...RIGID ROTORS
...TILTING ROTORS
...TIP DRIVEN ROTORS
...X WING ROTORS
RT BLADE TIPS
BLADE-VORTEX INTERACTION
% BLADES
CONVERTIBLE FAN-SHAFT ENGINES
FAN BLADES
FLAPPING HINGES
FOLDING STRUCTURES
GROUND RESONANCE
HARMONIC CONTROL
HELICOPTER PROPELLER DRIVE
HELICOPTER TAIL ROTORS
LIFT FANS
PROPELLER BLADES
% ROTOR BLADES
ROTOR DYNAMICS
TAIL ROTORS
TILT ROTOR RESEARCH AIRCRAFT PROGRAM
V-22 AIRCRAFT
WHIRL TOWERS

ROTATING
USE ROTATION

ROTATING BODIES
0101 1901 2308 3001
UF ROTATING VEHICLES
SOLID ROTATION
GS #ROTATING BODIES
.LUNAR ROTATION
.ROTATING CYLINDERS
.ROTATING DISKS
.ROTATING SPHERES
.ROTORS
..COMPRESSOR ROTORS
..FLYWHEELS
..IMPELLERS
...PUMP IMPELLERS
..ROTARY WINGS
...CIRCULATION CONTROL ROTORS
...LIFTING ROTORS
....BEARINGLESS ROTORS
...RIGID ROTORS
...TILTING ROTORS
...TIP DRIVEN ROTORS
...X WING ROTORS
..TAIL ROTORS
...HELICOPTER TAIL ROTORS
..TIP VANES
..TURBINE WHEELS
RT AXES OF ROTATION
% BODIES
PLANETARY ROTATION
ROCHE LIMIT
ROTARY GYROSCOPES
ROTARY STABILITY
ROTATION
SPINNING UNGUIDED ROCKET TRAJECTORY

ROTATING CYLINDERS
1202 2308 0102
GS ROTATING BODIES
#ROTATING CYLINDERS
SYMMETRICAL BODIES
.BODIES OF REVOLUTION
..CYLINDRICAL BODIES
..#ROTATING CYLINDERS
RT COUETTE FLOW
% CYLINDERS
CYLINDRICAL SHELLS
ELASTOHYDRODYNAMICS
MAGNUS EFFECT
SHAFTS (MACHINE ELEMENTS)
VISCOMETERS
VISCOMETRY

ROTATING DISKS
0101 1202 2308
GS DISKS (SHAPES)
#ROTATING DISKS
ROTATING BODIES
#ROTATING DISKS
RT ACCRETION DISKS
COUNTER ROTATION
KARMAN-BODEWADT FLOW
MISTUNING (TURBOMACHINERY)

% ROTATING ELECTRICAL MACHINES
1504
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ARMATURES
COMMUTATORS
ELECTRIC HYBRID VEHICLES
ELECTRIC MOTORS
INDUCTION MOTORS
% MACHINERY
ROTATING GENERATORS
ROTORS
SERVOMOTORS
STATORS

ROTATING ENVIRONMENTS
0401 0408 0504 0506
GS ENVIRONMENTS
#ROTATING ENVIRONMENTS
RT ARTIFICIAL GRAVITY
BARANY CHAIR
CORIOLIS EFFECT
HIGH GRAVITY ENVIRONMENTS
LANGLEY COMPLEX COORDINATOR
SPACECRAFT ENVIRONMENTS
TUMBLING MOTION

ROTATING FLUIDS
1202 1203
GS #ROTATING FLUIDS
.ROTATING LIQUIDS
RT COUNTER ROTATION
% FLUIDS
GOERTLER INSTABILITY
KARMAN-BODEWADT FLOW
LIQUID SLOSHING
PLANETARY WAVES
SUPERROTATION
TAYLOR INSTABILITY
TRAPPED VORTICES
TURBULENT FLOW
VORTEX SHEETS
VORTICES
WING TIP VORTICES

ROTATING GENERATORS
0301 1504
UF DYNAMOS
GS ELECTRIC GENERATORS
#ROTATING GENERATORS
..AMPLIDYNES
..DYNAMOMETERS
..HOMOPOLAR GENERATORS
..TURBOGENERATORS
...ASTEC SOLAR TURBOELECTRIC GENERATOR
RT AC GENERATORS
COMMUTATORS
DC GENERATORS
ELECTROSTATIC GENERATORS
% GENERATORS

% ROTATING ELECTRICAL MACHINES
TURBINES
TURBOMACHINERY

ROTATING LIQUIDS
1202
UF LIQUID ROTATION
GS LIQUIDS
#ROTATING LIQUIDS
ROTATING FLUIDS
#ROTATING LIQUIDS
RT GOERTLER INSTABILITY
PLANETARY WAVES
ROTATION
TRAPPED VORTICES
VORTICES

ROTATING MATTER
2308 3009
RT DEGENERATE MATTER
MATTER (PHYSICS)
ROTATION
SPIN DYNAMICS

ROTATING MIRRORS
1405 1407 1410 2310
GS MIRRORS
#ROTATING MIRRORS
RT FRAMING CAMERAS
HIGH SPEED CAMERAS

ROTATING PLASMAS
2308 2502
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
...PLASMAS (PHYSICS)
...#ROTATING PLASMAS
RT DRIFT RATE
NONEQUILIBRIUM PLASMAS
PLASMA FLUX MEASUREMENT
THETA PINCH
TOROIDAL PLASMAS
TWO FLUID MODELS
ZETA PINCH

ROTATING SHAFTS
0101 0202 2308
GS SHAFTS (MACHINE ELEMENTS)
#ROTATING SHAFTS
..TURBOSHAFTS

ROTATING SPHERES
0205 1901 2308 0102
GS ROTATING BODIES
#ROTATING SPHERES
SYMMETRICAL BODIES
.BODIES OF REVOLUTION
..SPHERES
..#ROTATING SPHERES
RT EQUATORS
SPHERICAL SHELLS

ROTATING STALLS
1202
RT BOUNDARY LAYER SEPARATION
COMPRESSOR BLADES
% ROTOR BLADES
TURBOCOMPRESSORS

ROTATING VEHICLES
USE ROTATING BODIES
VEHICLES

ROTATION
1504 3001 3006 3407
UF ROTATING
WHIRL
WHIRLING
GS GYRATION
#ROTATION
..AUTOROTATION
..COROTATION
..COUNTER ROTATION
..EARTH ROTATION
..MOLECULAR ROTATION
..MUON SPIN ROTATION
..PLANETARY ROTATION
..SATELLITE ROTATION
..STELLAR ROTATION
...SOLAR ROTATION
RT ANGULAR ACCELERATION
ANGULAR VELOCITY
AXES OF ROTATION
CIRCULATION
CORIOLIS EFFECT
CROSS POLARIZATION
FARADAY EFFECT
IMAGE ROTATION
LIBRATION
% MOTION
NUTATION
PITCH (INCLINATION)
POLARIZATION (SPIN ALIGNMENT)
POLARIZATION (WAVES)
PRECESSION
REVOLVING
ROLL
ROTARY STABILITY
ROTATING BODIES
ROTATING LIQUIDS
ROTATING MATTER
ROTONS
TORQUE
VORTEX AVOIDANCE
VORTICES
YAW

ROTATIONAL FLOW
USE FLUID FLOW
VORTICES

ROTATIONAL SPECTRA
0601
GS SPECTRA
.MOLECULAR SPECTRA
.#ROTATIONAL SPECTRA
RT ABSORPTION SPECTRA
LINE SPECTRA
MOLECULAR EXCITATION
MOLECULAR ROTATION
MOLECULAR SPECTROSCOPY
ROTATIONAL STATES
VIBRATIONAL SPECTRA

ROTATIONAL STATES
2311 2404
SN (LIMITED TO MOLECULAR ENERGY LEVELS - EXCLUDES ROTATIONAL DYNAMICS OF VEHICLES OR OTHER BODIES)
GS LEVEL (QUANTITY)
.ENERGY LEVELS
..MOLECULAR ENERGY LEVELS
..#ROTATIONAL STATES
RT MOLECULAR EXCITATION
ROTATIONAL SPECTRA

ROTIFERA
0402 0407
GS ANIMALS
.INVERTEBRATES
.#ROTIFERA
MICROORGANISMS
#ROTIFERA
RT WORMS

ROTOCHUTES
0208
GS PARACHUTES
#ROTOCHUTES
RT AUTOROTATION

ROTONS
2303 2308

GS FLUID MECHANICS
.FLUID DYNAMICS
.#ROTONS
RT ACTIVATION ENERGY
EXCITATION
PHOTONS
ROTATION

ROTOR AERODYNAMICS
0101 0102
GS FLUID MECHANICS
.FLUID DYNAMICS
..GAS DYNAMICS
...AERODYNAMICS
...#ROTOR AERODYNAMICS
RT FLAPPING
FLAPPING HINGES
GROUND RESONANCE
ROTOR BODY INTERACTIONS
ROTOR DYNAMICS
ROTORS
WHIRL TOWERS

% ROTOR BLADES
0102 0104 1504
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT HELICOPTER TAIL ROTORS
MISTUNING (TURBOMACHINERY)
ROTARY WINGS
ROTATING STALLS
ROTOR BLADES (TURBOMACHINERY)
TAIL ROTORS
X WING ROTORS

ROTOR BLADES (TURBOMACHINERY)
1504
UF IMPELLER BLADES
GS TURBOMACHINE BLADES
#ROTOR BLADES (TURBOMACHINERY)
RT AIRFOILS
BLADE TIPS
% BLADES
COMPRESSOR BLADES
COMPRESSOR ROTORS
IMPELLERS
MISTUNING (TURBOMACHINERY)
% ROTOR BLADES
ROTORS
STATOR BLADES
TURBINE BLADES

ROTOR BODY INTERACTIONS
0104
RT AERODYNAMIC CHARACTERISTICS
AERODYNAMIC CONFIGURATIONS
HELICOPTER DESIGN
ROTOR AERODYNAMICS

ROTOR DISKS
USE TURBINE WHEELS

ROTOR DYNAMICS
1504
UF ROTORDYNAMICS
RT DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
DYNAMIC STABILITY
% DYNAMICS
ROTARY STABILITY
ROTARY WINGS
ROTOR AERODYNAMICS
ROTORS
STRUCTURAL VIBRATION
TURBOMACHINERY

ROTOR HUBS
USE HUBS
ROTORS

ROTOR LIFT
0101 0104
GS AERODYNAMIC CHARACTERISTICS
.LIFT
.#ROTOR LIFT
AERODYNAMIC FORCES
.LIFT
.#ROTOR LIFT
DYNAMIC CHARACTERISTICS
.LIFT
.#ROTOR LIFT
RT DISTRIBUTION (PROPERTY)

ROTOR SPEED
0104 0201 0206 2308
GS RATES (PER TIME)
#ROTOR SPEED
VELOCITY
#ROTOR SPEED
RT ANGULAR VELOCITY
HIGH SPEED
LABYRINTH SEALS
TIP SPEED

ROTOR SYSTEMS RESEARCH AIRCRAFT
0201
GS RESEARCH AIRCRAFT
#ROTOR SYSTEMS RESEARCH AIRCRAFT
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
.#ROTOR SYSTEMS RESEARCH AIRCRAFT
RT % AIRCRAFT
AIRCRAFT DESIGN
HELICOPTERS
NASA PROGRAMS
% SYSTEMS

ROTORCRAFT
USE ROTARY WING AIRCRAFT

ROTORDYNAMICS
USE ROTOR DYNAMICS

ROTORS
0104 1504
UF ROTOR HUBS
GS ROTATING BODIES
#ROTORS
..COMPRESSOR ROTORS
..FLYWHEELS
..IMPELLERS
...PUMP IMPELLERS
..ROTARY WINGS
...CIRCULATION CONTROL ROTORS
...LIFTING ROTORS
....BEARINGLESS ROTORS
...RIGID ROTORS
...TILTING ROTORS
...TIP DRIVEN ROTORS
...X WING ROTORS
..TAIL ROTORS
...HELICOPTER TAIL ROTORS
..TIP VANES
..TURBINE WHEELS
RT AIRFOILS
ARMATURES
CENTRIFUGAL COMPRESSORS
HEAVY LIFT AIRSHIPS
MISTUNING (TURBOMACHINERY)
% ROTATING ELECTRICAL MACHINES
ROTOR AERODYNAMICS
ROTOR BLADES (TURBOMACHINERY)
ROTOR DYNAMICS
STATORS
TURBINES
TURBOCOMPRESSORS
TURBOMACHINE BLADES
TURBOSHAFTS
WHEELS
WINGS

ROUGHNESS
0101 0408 1202 1704 1805 3203 3408
GS #ROUGHNESS

.SEA ROUGHNESS
.SURFACE ROUGHNESS
RT COARSENESS
CONTOURS
FLATNESS
MECHANICAL PROPERTIES
MOTION STABILITY
PROFILOMETERS
SMOOTHING
SURFACE PROPERTIES

ROUND TRIP TRAJECTORIES
3006 3104 3110 3009
GS TRAJECTORIES
#ROUND TRIP TRAJECTORIES
..CIRCUMLUNAR TRAJECTORIES
RT EARTH-MOON TRAJECTORIES
INTERORBITAL TRAJECTORIES
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
MOON-EARTH TRAJECTORIES
ORBITAL MECHANICS
SPACECRAFT TRAJECTORIES
SWINGBY TECHNIQUE

ROUSE BELTS
1308
RT % BELTS
CONES (VOLCANOES)
EARTHQUAKES
GEOLOGICAL FAULTS
MARS VOLCANOES
SEISMOLOGY
TREMORS
VOLCANOES
VOLCANOLOGY

ROUTES
1904 2101 2103
RT AIR TRAFFIC CONTROL
FLIGHT PLANS
% PATHS
SITE SELECTION
TRANSPORTATION

% ROUTINES
0802 0803
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT COMPUTER PROGRAMS
COMPUTER SYSTEMS PROGRAMS
DATA CONVERSION ROUTINES
DISK OPERATING SYSTEM (DOS)
INPUT/OUTPUT ROUTINES
MERGING ROUTINES
OPERATING SYSTEMS (COMPUTERS)
USER MANUALS (COMPUTER PROGRAMS)

ROVER PROJECT
2201 2204 3409
GS PROGRAMS
.NASA PROGRAMS
..NASA SPACE PROGRAMS
..#ROVER PROJECT
.PROJECTS
.#ROVER PROJECT
.SPACE PROGRAMS
..NASA SPACE PROGRAMS
..#ROVER PROJECT
RT KIWI REACTORS
NUCLEAR ENGINE FOR ROCKET VEHICLES
NUCLEAR PROPULSION
NUCLEAR REACTORS
RIFT (REACTOR IN FLIGHT TEST)
ROCKET ENGINE DESIGN
SPACECRAFT PROPULSION

ROVING VEHICLES
1105 3004 3007 3008
UF EXTRATERRESTRIAL ROVING VEHICLES
GS SURFACE VEHICLES
#ROVING VEHICLES
..LUNAR ROVING VEHICLES
...LUNOKHOD LUNAR ROVING VEHICLES
RT MARS SAMPLE RETURN MISSIONS
PLANETARY LANDING
PLANETARY SURFACES
RESEARCH VEHICLES
TOROIDAL WHEELS
% VEHICLES

% ROVINGS
1507
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT COMPOSITE MATERIALS
PROVING
WEBS (SHEETS)
YARNS

ROWLAND CIRCLES
2306 2310
RT GRATINGS (SPECTRA)
OPTICAL FILTERS

RP-1 ROCKET PROPELLANTS
2702 2804
GS PROPELLANTS
.ROCKET PROPELLANTS
..LIQUID ROCKET PROPELLANTS
..#RP-1 ROCKET PROPELLANTS
RT JP-4 JET FUEL
KEROSENE

RPV
USE REMOTELY PILOTED VEHICLES

RS CODES
USE REED-SOLOMON CODES

RTM (COMPOSITE MATERIALS)
USE RESIN TRANSFER MOLDING

RTV-40 RUBBER (TRADEMARK)
1810
GS RUBBER
.SILICONE RUBBER
.#RTV-40 RUBBER (TRADEMARK)
.SYNTHETIC RUBBERS
.#RTV-40 RUBBER (TRADEMARK)

RTV-60 RUBBER (TRADEMARK)
1810
GS RUBBER
.SILICONE RUBBER
.#RTV-60 RUBBER (TRADEMARK)
.SYNTHETIC RUBBERS
.#RTV-60 RUBBER (TRADEMARK)

RUANDA-URUNDI
USE BURUNDI
RWANDA

RUBBER
1802 1809 1810
GS #RUBBER
.LATEX
.SILICONE RUBBER
..RTV-40 RUBBER (TRADEMARK)
..RTV-60 RUBBER (TRADEMARK)
.SYNTHETIC RUBBERS
..ADIPRENE (TRADEMARK)
..BUNA (TRADEMARK)
..ELASTOMERS
...CHLOROPRENE RESINS
...THIOPLASTICS
...VITON RUBBER (TRADEMARK)
...VULCANIZED ELASTOMERS
..RTV-40 RUBBER (TRADEMARK)
..RTV-60 RUBBER (TRADEMARK)
RT GUAYULE
GUMS (SUBSTANCES)
ORGANIC MATERIALS

```
      POLYISOPRENES

RUBBER COATINGS
  1504 3404
  GS   COATINGS
       #RUBBER COATINGS
  RT   PAINTS
       PROTECTIVE COATINGS

RUBIDIUM
  1703
  GS   CHEMICAL ELEMENTS
       .ALKALI METALS
       .#RUBIDIUM
       ...RUBIDIUM ISOTOPES
       ....RUBIDIUM 86
       METALS
       .ALKALI METALS
       .#RUBIDIUM
       ...RUBIDIUM ISOTOPES
       ....RUBIDIUM 86

RUBIDIUM COMPOUNDS
  1804
  RT % ALKALI METAL COMPOUNDS
     % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

RUBIDIUM ISOTOPES
  2406
  GS   CHEMICAL ELEMENTS
       .ALKALI METALS
       ..RUBIDIUM
       ..#RUBIDIUM ISOTOPES
       ....RUBIDIUM 86
       .NUCLIDES
       ..ISOTOPES
       ..#RUBIDIUM ISOTOPES
       ....RUBIDIUM 86
       METALS
       .ALKALI METALS
       ..RUBIDIUM
       ..#RUBIDIUM ISOTOPES
       ....RUBIDIUM 86

RUBIDIUM 86
  1703 2406
  GS   CHEMICAL ELEMENTS
       .ALKALI METALS
       ..RUBIDIUM
       ...RUBIDIUM ISOTOPES
       ...#RUBIDIUM 86
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ...#RUBIDIUM 86
       ...RUBIDIUM ISOTOPES
       ...#RUBIDIUM 86
       METALS
       .ALKALI METALS
       ..RUBIDIUM
       ...RUBIDIUM ISOTOPES
       ...#RUBIDIUM 86

RUBIS ROCKET VEHICLE
  3106
  GS   ROCKET VEHICLES
       .MULTISTAGE ROCKET VEHICLES
       .#RUBIS ROCKET VEHICLE
  RT   SOLID PROPELLANT ROCKET ENGINES

RUBY
  1601 1806 2601
  RT   ALUMINUM OXIDES
       CRYSTALS

RUBY LASERS
  1601 2306
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SOLID STATE LASERS
       ..#RUBY LASERS
       STIMULATED EMISSION DEVICES
       .LASERS
       ..SOLID STATE LASERS
       ..#RUBY LASERS
  RT   PULSED LASERS
       Q SWITCHED LASERS
       VERNEUIL PROCESS

RUDDERS
  0101 0104 0202 1402
  GS   CONTROL SURFACES
       #RUDDERS
       ..AERIAL RUDDERS
       ..MARINE RUDDERS
  RT   AIRFOILS
       FINS
       PINTLES
       STABILIZERS (FLUID DYNAMICS)
       SWEPTBACK TAIL SURFACES
       TABS (CONTROL SURFACES)
       TAIL ASSEMBLIES
       TAIL SURFACES
       TRAPEZOIDAL TAIL SURFACES

RUGGEDNESS
  3408
  RT   DURABILITY
     % HIGH RESISTANCE
       MECHANICAL PROPERTIES
     % RIGIDITY

RULER METHOD
  1902
  RT % METHODOLOGY

RULES
  3403 1902
  GS   #RULES
       .FLIGHT RULES
       ..INSTRUMENT FLIGHT RULES
       ..VISUAL FLIGHT RULES
       .PALMGREN-MINER RULE
       .PHASE RULE
       .SELECTION RULES (NUCLEAR PHYSICS)
       .SUM RULES
       .WHITHAM RULE
  RT   LAWS
       PATENT POLICY
       POLICIES
       PROCUREMENT POLICY
       REGULATIONS
       SEA LAW

RUMANIA
  USE  ROMANIA

RUN TIME (COMPUTERS)
  0802
  RT   COMPUTER PROGRAMMING
       COMPUTERS
       TIME SHARING

RUNGE-KUTTA METHOD
  1902 3501
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       ..NUMERICAL INTEGRATION
       ..#RUNGE-KUTTA METHOD
       .REAL VARIABLES
       ..MEASURE AND INTEGRATION
       ...NUMERICAL INTEGRATION
       ...#RUNGE-KUTTA METHOD
  RT % METHODOLOGY

RUNNING
  3404 3406 3407
  RT % OPERATIONS
       PHYSICAL EXERCISE

RUNOFFS
  USE  DRAINAGE

RUNWAY ALIGNMENT
```

1101 1102
SN (ALIGNMENT WITH RUNWAYS--NOT ALIGNMENT OF RUNWAYS)
RT AIRCRAFT LANDING
TAKEOFF RUNS

RUNWAY CONDITIONS
0203 1101 1102
GS CONDITIONS
#RUNWAY CONDITIONS
RT AVIATION METEOROLOGY
ICE
RUNWAYS
SLUSH
SURFACE ROUGHNESS
WATER
WEATHER

RUNWAY LIGHTS
0203 1101 1102 2306
GS LANDING AIDS
.AIRPORT LIGHTS
.#RUNWAY LIGHTS
LIGHTING EQUIPMENT
.LUMINAIRES
..AIRPORT LIGHTS
..#RUNWAY LIGHTS
RT APPROACH CONTROL
% FLARES
% MARKERS
RUNWAYS
SEARCHLIGHTS
VISUAL CONTROL

RUNWAYS
0203 1101 1102
RT AIRFIELD SURFACE MOVEMENTS
AIRPORTS
LANDING
LANDING AIDS
LANDING MATS
LANDING SITES
PAVEMENTS
RUNWAY CONDITIONS
RUNWAY LIGHTS
% STRIP
TAKEOFF
TAXIING

RUPTURING
1704 3204
RT % BLISTERS
BURSTS
CRACKING (FRACTURING)
DISRUPTING
FAILURE
FRACTURE MECHANICS
METAL FATIGUE
SELF SEALING
STRUCTURAL STRAIN
TEARING

RURAL AREAS
3402
RT AGRICULTURE
FARMLANDS
GRASSLANDS
LAND
MEGALOPOLISES
RANGELANDS
REGIONAL PLANNING
RESIDENTIAL AREAS
SUBURBAN AREAS
WILDERNESS

RURAL LAND USE
1303 1304 1308 3404
GS LAND USE
#RURAL LAND USE
RT AGRICULTURE
CONSERVATION
% DEVELOPMENT
EARTH RESOURCES
FARMLANDS
GRASSLANDS
GRAZING
GREAT PLAINS CORRIDOR (NORTH AMERICA)
LAND
LAND MANAGEMENT
ORCHARDS
RANGELANDS
REGIONAL PLANNING
SITES

RUSSIA
USE RUSSIAN FEDERATION

RUSSIAN FEDERATION
1305
UF RUSSIA
GS NATIONS
#RUSSIAN FEDERATION
RT ASIA
EUROPE

RUST FUNGI
0404 0407 0409
UF RUSTS (BOTANY)
GS PLANTS (BOTANY)
.FUNGI
.#RUST FUNGI
RT BLIGHT
% MOLD
PARASITIC DISEASES
PLANT DISEASES

RUSTING
0603 1702
GS CHEMICAL REACTIONS
.OXIDATION
.#RUSTING
CORROSION
#RUSTING
RT ATMOSPHERIC EFFECTS
CHEMICAL ATTACK
COATINGS
CORROSION RESISTANCE
DEGRADATION
DESENSITIZING
DETERIORATION
HOT CORROSION
METAL-WATER REACTIONS
OXIDATION RESISTANCE
PASSIVITY
SCALE (CORROSION)
WEATHERING

RUSTS (BOTANY)
USE RUST FUNGI

RUTHENIUM
1703
GS CHEMICAL ELEMENTS
#RUTHENIUM
..RUTHENIUM ISOTOPES
METALS
.NOBLE METALS
.#RUTHENIUM
...RUTHENIUM ISOTOPES
.TRANSITION METALS
.#RUTHENIUM
...RUTHENIUM ISOTOPES

RUTHENIUM ALLOYS
1701 1704
GS ALLOYS
#RUTHENIUM ALLOYS

RUTHENIUM COMPOUNDS
0603 1703
RT % CHEMICAL COMPOUNDS
% METAL COMPOUNDS
TRANSITION METALS

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RUTHENIUM ISOTOPES
  2406
  UF   RUTHENIUM 106
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#RUTHENIUM ISOTOPES
       .RUTHENIUM
       .#RUTHENIUM ISOTOPES
       METALS
       .NOBLE METALS
       ..RUTHENIUM
       ..#RUTHENIUM ISOTOPES
       .TRANSITION METALS
       ..RUTHENIUM
       ..#RUTHENIUM ISOTOPES

RUTHENIUM 106
  USE  RUTHENIUM ISOTOPES

RUTILE
  1806 2602
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ...TITANIUM OXIDES
       ...#RUTILE
       TITANIUM COMPOUNDS
       .TITANIUM OXIDES
       .#RUTILE
  RT   ANATASE
       COESITE
       CROSS RELAXATION
       MINERALS
       PIGMENTS
       STISHOVITE

RWANDA
  1305
  UF   RUANDA-URUNDI
  GS   NATIONS
       #RWANDA
  RT   AFRICA
       BURUNDI

RYAN AIRCRAFT
  0207
  UF   RYAN MILITARY AIRCRAFT
  GS  #RYAN AIRCRAFT
       .FIREBEE 2 TARGET DRONE AIRCRAFT
       .X-13 AIRCRAFT
       .XC-142 AIRCRAFT
       .XV-5 AIRCRAFT
       .XV-8A AIRCRAFT
  RT % AIRCRAFT

RYAN MILITARY AIRCRAFT
  USE  RYAN AIRCRAFT

RYDBERG SERIES
  1411 2401 3009
  GS   SPECTRA
       .RADIATION SPECTRA
       ..ELECTROMAGNETIC SPECTRA
       ...LINE SPECTRA
       ...#RYDBERG SERIES
  RT   ABSORPTION SPECTRA
       ATOMIC SPECTRA
       ELECTRON TRANSITIONS
       EMISSION SPECTRA
       H LINES
       HYDROGEN

R5D AIRCRAFT
  USE  C-54 AIRCRAFT

R7V AIRCRAFT
  USE  C-121 AIRCRAFT
       EC-121 AIRCRAFT

S BAND
  USE  SUPERHIGH FREQUENCIES
       ULTRAHIGH FREQUENCIES

S CURVES
  1902
  GS   GEOMETRY
       .CURVES (GEOMETRY)
       .#S CURVES
       ...GOMPERTZ CURVES
       .EUCLIDEAN GEOMETRY
       ..ANALYTIC GEOMETRY
       ..#S CURVES
       ....GOMPERTZ CURVES

S GLASS
  1804 1805
  GS   GLASS
       .E GLASS
       .#S GLASS
  RT   COMPOSITE MATERIALS
       GLASS FIBER REINFORCED PLASTICS
       GLASS FIBERS
       SILICON DIOXIDE

S MATRIX THEORY
  1902
  UF   SCATTERING MATRIX
  RT   OPERATORS (MATHEMATICS)
       SCATTERING CROSS SECTIONS
  % THEORIES

S STARS
  3001
  GS   CELESTIAL BODIES
       .STARS
       ..LATE STARS
       ...COOL STARS
       ...#S STARS
  RT   ASYMPTOTIC GIANT BRANCH STARS
       GIANT STARS
       M STARS
       MIRA VARIABLES
       RED GIANT STARS

S WAVES
  1202 1203 2309 2401 2402 2403
  UF   SECONDARY WAVES
       SHEAR DISTURBANCES
       SHEAR WAVES
  GS   ELASTIC WAVES
       #S WAVES
       ..SH WAVES
  RT   CRUSTAL FRACTURES
       DILATATIONAL WAVES
       P WAVES
       POLARIZED ELASTIC WAVES
       RAYLEIGH WAVES
       SEISMIC WAVES
       SURFACE WAVES
       TRANSVERSE WAVES

S-A-W DEVICES
  USE  SURFACE ACOUSTIC WAVE DEVICES

S-N DIAGRAMS
  1108 1704 2308 2311 3204
  UF   FATIGUE DIAGRAMS
  GS   DIAGRAMS
       #S-N DIAGRAMS
  RT   BENDING FATIGUE
       CYCLIC LOADS
       FATIGUE (MATERIALS)
       FATIGUE LIFE
       FATIGUE TESTS
       METAL FATIGUE
       STRESS ANALYSIS
       STRESS CYCLES
       STRESS MEASUREMENT
       STRESS RATIO

S-2 AIRCRAFT
  0207
  UF   SNOW AERIAL APPLICATOR AIRCRAFT
       S-2B
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SNOW S-2 AIRCRAFT
US-2A AIRCRAFT
GS MONOPLANES
#S-2 AIRCRAFT
SNOW AIRCRAFT
#S-2 AIRCRAFT
UTILITY AIRCRAFT
#S-2 AIRCRAFT
RT % AIRCRAFT

S-3 AIRCRAFT
0201 0207
GS ANTISUBMARINE WARFARE AIRCRAFT
#S-3 AIRCRAFT
RT % AIRCRAFT
% MILITARY AIRCRAFT

S-3 SATELLITE
USE EXPLORER 12 SATELLITE

S-6 SATELLITE
USE EXPLORER 17 SATELLITE

S-16 SATELLITE
USE OSO-1

S-17 SATELLITE
USE OSO-2

S-18 SATELLITE
USE OAO

S-27 SATELLITE
USE ALOUETTE 1 SATELLITE

S-49 SATELLITE
USE OGO-A

S-50 SATELLITE
USE OGO-C

S-51 SATELLITE
USE ARIEL 1 SATELLITE

S-52 SATELLITE
USE ARIEL 2 SATELLITE

S-57 SATELLITE
USE OSO-C

S-58 HELICOPTER
0206 0207
UF SIKORSKY S-58 HELICOPTER
GS SIKORSKY AIRCRAFT
#S-58 HELICOPTER
TRANSPORT AIRCRAFT
#S-58 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#S-58 HELICOPTER
RT CH-34 HELICOPTER
UH-34 HELICOPTER

S-61 HELICOPTER
0206 0207
UF SIKORSKY S-61 HELICOPTER
GS SIKORSKY AIRCRAFT
#S-61 HELICOPTER
TRANSPORT AIRCRAFT
#S-61 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#S-61 HELICOPTER
RT % AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
CH-3 HELICOPTER
SH-3 HELICOPTER
SH-4 HELICOPTER
WATER TAKEOFF AND LANDING AIRCRAFT

S-64 HELICOPTER
USE CH-54 HELICOPTER

S-66 SATELLITE
USE BEACON EXPLORER A

S-67 HELICOPTER
0201 0206
UF SIKORSKY S-67 HELICOPTER
GS SIKORSKY AIRCRAFT
#S-67 HELICOPTER
RT % AIRCRAFT

S-74 SATELLITE
USE EXPLORER 18 SATELLITE

SA-321 HELICOPTER
0206
UF SUD AVIATION SA-321 HELICOPTER
GS SUD AVIATION AIRCRAFT
#SA-321 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#SA-321 HELICOPTER
RT % AIRCRAFT

SA-330 HELICOPTER
0206
UF SUD AVIATION SA-330 HELICOPTER
GS SUD AVIATION AIRCRAFT
.ALOUETTE HELICOPTERS
.#SA-330 HELICOPTER
TRANSPORT AIRCRAFT
#SA-330 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...ALOUETTE HELICOPTERS
...#SA-330 HELICOPTER
...MILITARY HELICOPTERS
...#SA-330 HELICOPTER
RT % AIRCRAFT

SAAB AIRCRAFT
0201 0204 0207
GS #SAAB AIRCRAFT
.SAAB 37 AIRCRAFT
.SAAB 105 AIRCRAFT
RT % AIRCRAFT

SAAB 37 AIRCRAFT
0207
GS ATTACK AIRCRAFT
.FIGHTER AIRCRAFT
.#SAAB 37 AIRCRAFT
JET AIRCRAFT
.TURBOFAN AIRCRAFT
.#SAAB 37 AIRCRAFT
SAAB AIRCRAFT
#SAAB 37 AIRCRAFT
SUPERSONIC AIRCRAFT
#SAAB 37 AIRCRAFT
RT % AIRCRAFT
CANARD CONFIGURATIONS
HARRIER AIRCRAFT

SAAB 105 AIRCRAFT
0207
GS JET AIRCRAFT
.TURBOFAN AIRCRAFT
.#SAAB 105 AIRCRAFT
LIGHT AIRCRAFT
#SAAB 105 AIRCRAFT
MONOPLANES
#SAAB 105 AIRCRAFT
SAAB AIRCRAFT
#SAAB 105 AIRCRAFT
UTILITY AIRCRAFT
#SAAB 105 AIRCRAFT

```
  RT % AIRCRAFT
       PASSENGER AIRCRAFT

SABATIER REACTION
  1407 2306
  GS   CHEMICAL REACTIONS
       #SABATIER REACTION
  RT   PHOTOGRAPHIC FILM

SABOT PROJECTILES
  3102 3401
  GS   PROJECTILES
       #SABOT PROJECTILES
  RT   ARTILLERY
       FRAGMENTATION
       GUN LAUNCHERS
       GUNS (ORDNANCE)

SABOTAGE
  3401
  RT   ACCIDENTS
       AIR DEFENSE
       DAMAGE
       DEACTIVATION
       DISASTERS
       HAZARDS
       INJURIES
       PREVENTION
       SAFETY
       SPACE LAW
       WRECKAGE

SABRE AIRCRAFT
  USE  F-86 AIRCRAFT

SABRELINER AIRCRAFT
  USE  T-39 AIRCRAFT

SACCADIC EYE MOVEMENTS
  0404 0405 0408
  GS   EYE MOVEMENTS
       #SACCADIC EYE MOVEMENTS
  RT   FOVEA
     % MOTION
       VISUAL FIELDS

SACCHARIDES
  USE  CARBOHYDRATES

SACCHAROMYCES
  0407
  GS   PLANTS (BOTANY)
       .FUNGI
       .#SACCHAROMYCES

SACRAMENTO VALLEY (CA)
  1305 1306
  GS   VALLEYS
       #SACRAMENTO VALLEY (CA)
  RT   CALIFORNIA
       RIVER BASINS

SADDLE POINTS
  1902 3406
  GS  #SADDLE POINTS
       .SADDLE POINTS (GAME THEORY)
  RT   CURVE FITTING
       GAME THEORY
       MINIMAX TECHNIQUE

SADDLE POINTS (GAME THEORY)
  1902
  GS   GAME THEORY
       #SADDLE POINTS (GAME THEORY)
       SADDLE POINTS
       #SADDLE POINTS (GAME THEORY)
  RT   OPERATIONS RESEARCH
       SADDLES
     % THEORIES

SADDLES
  1902
  RT   SADDLE POINTS (GAME THEORY)

SADDLES (SUPPORTS)
  3203
  GS   STRUCTURAL MEMBERS
       #SADDLES (SUPPORTS)
       SUPPORTS
       #SADDLES (SUPPORTS)

SAFEGUARD SYSTEM
  3101 3401
  GS   WEAPON SYSTEMS
       .MISSILE SYSTEMS
       .#SAFEGUARD SYSTEM
  RT   ANTIMISSILE DEFENSE
       BALLISTIC MISSILES
       MILITARY TECHNOLOGY
       MISSILE DEFENSE
       SENTINEL SYSTEM
     % SYSTEMS

SAFETY
  3406 4001
  GS  #SAFETY
       .AEROSPACE SAFETY
       .AIRCRAFT SAFETY
       .FLIGHT SAFETY
       .INDUSTRIAL SAFETY
       .RANGE SAFETY
       .REACTOR SAFETY
  RT   ACCIDENT PREVENTION
       ACCIDENTS
       AIR BAG RESTRAINT DEVICES
       CRASHES
     % DETECTORS
       EMERGENCY LIFE SUSTAINING SYSTEMS
       ENERGY POLICY
       EXPLOSIONS
       FIRE PREVENTION
       FIREPROOFING
       FIRES
       HAZARDS
       PREVENTION
       PROTECTION
       SABOTAGE
     % STORAGE
       VORTEX AVOIDANCE
       WARNING
       WARNING SYSTEMS

SAFETY DEVICES
  0203 0508 3404
  GS  #SAFETY DEVICES
       .ABORT APPARATUS
       .AIR BAG RESTRAINT DEVICES
       .ARRESTING GEAR
       .EJECTION SEATS
       ..FLYING EJECTION SEATS
       .ESCAPE CAPSULES
       .ESCAPE ROCKETS
       .HELMETS
       .SEAT BELTS
  RT   ACCIDENT PREVENTION
       ACCIDENT PRONENESS
       ACCIDENTS
       AIRCRAFT SAFETY
       AMBULANCES
       ANTISKID DEVICES
       AUTOMOBILE ACCIDENTS
     % BARRIERS
       CHEMICAL DEFENSE
       DEFLECTORS
     % DEVICES
       EMERGENCY LIFE SUSTAINING SYSTEMS
       ENCLOSURES
     % EQUIPMENT
       FAIL-SAFE SYSTEMS
       FIRE PREVENTION
       FLAME DEFLECTORS
       FLIGHT SAFETY
       GATES (OPENINGS)
       GUARDS (SHIELDS)
       HARNESSES
```

HAZARDS
HUMAN FACTORS ENGINEERING
LANDING AIDS
PRESSURE SUITS
PROTECTION
PROTECTIVE CLOTHING
PROTECTORS
RADIATION MEASURING INSTRUMENTS
RADIATION SHIELDING
SHIELDING
SMOKE DETECTORS
SPACE SUITS
SPACECRAFT SHIELDING
WARNING
WARNING SYSTEMS

SAFETY FACTORS
0502 0505 1103 1905
RT ACCIDENT PRONENESS
AEROSPACE SAFETY
DESIGN ANALYSIS
ESCAPE SYSTEMS
HAZARDS
HEALTH PHYSICS
RELIABILITY
STABILITY

SAFETY MANAGEMENT
0410 0502 0506 0507 0508 3404 3406
3409
GS MANAGEMENT
#SAFETY MANAGEMENT
RT ACCIDENT PREVENTION
AEROSPACE SAFETY
EDUCATION
FAIL-SAFE SYSTEMS
FIRE PREVENTION
GUARDS (SHIELDS)
HAZARDS
HUMAN FACTORS ENGINEERING
PRODUCTION MANAGEMENT
WARNING SYSTEMS

SAGE AIR DEFENSE SYSTEM
3401
GS AIR DEFENSE
#SAGE AIR DEFENSE SYSTEM
RT % SYSTEMS

SAGE SATELLITE
3107
UF STRATOSPHERIC AEROSOL & GAS
EXPERIMENT
GS ARTIFICIAL SATELLITES
#SAGE SATELLITE
RT AEROSOLS
OZONE

SAGINAW BAY (MI)
1303 1304 1306
GS BAYS (TOPOGRAPHIC FEATURES)
#SAGINAW BAY (MI)
RT INLETS (TOPOGRAPHY)
LAKE HURON
MICHIGAN
RIVER BASINS

SAGITTARIUS CONSTELLATION
3001
GS CONSTELLATIONS
#SAGITTARIUS CONSTELLATION

SAGNAC EFFECT
1403 1405 2306 2310 2402
GS PHASE SHIFT
#SAGNAC EFFECT
RT ANGULAR VELOCITY
ASTRONOMICAL INTERFEROMETRY
ETALONS
FIBER OPTICS
INTERFEROMETERS
INTERFEROMETRY
LASER GYROSCOPES
LASER INTERFEROMETRY
LIGHT TRANSMISSION
NONLINEAR OPTICS
OPTICAL GYROSCOPES
OPTICAL PATHS
SPECKLE INTERFEROMETRY
WAVE PROPAGATION

SAHA EQUATIONS
1002 2404 3304
RT ARC HEATING
ELECTRIC ARCS
% EQUATIONS
ION DENSITY (CONCENTRATION)
IONIZATION POTENTIALS
TEMPERATURE

SAHARA DESERT (AFRICA)
1305
GS LAND
.DESERTS
.#SAHARA DESERT (AFRICA)
RT AFRICA
ARID LANDS
BARREN LAND
DESERTIFICATION
DUNES
REMOTE REGIONS

SAIL PROJECT
0505 0507 3104 3110 3409
UF SHUTTLE AVIONICS INTEGRATION
LABORATORY
GS PROGRAMS
.NASA PROGRAMS
..NASA SPACE PROGRAMS
..#SAIL PROJECT
.PROJECTS
.#SAIL PROJECT
.SPACE PROGRAMS
..NASA SPACE PROGRAMS
..#SAIL PROJECT
RT EARTH VIEWING APPLICATIONS
LABORATORY
LABORATORIES
SPACE LABORATORIES
SPACE SHUTTLES

SAILPLANES
USE GLIDERS

SAILS
0101 3006
GS #SAILS
.SAILWINGS
.SOLAR SAILS
RT FINS
GLIDERS
TAIL ASSEMBLIES

SAILWINGS
0201 0205
UF PRINCETON SAILWINGS
GS FOLDING STRUCTURES
#SAILWINGS
SAILS
#SAILWINGS
RT GLIDERS
HANG GLIDERS
KA-6 SAILPLANES

SAINT ELMO FIRE
0605 2304
GS ELECTRIC CURRENT
.ELECTRIC DISCHARGES
.#SAINT ELMO FIRE
RT FIRES

SAINT VENANT FLEXURE PROBLEM
USE SAINT VENANT PRINCIPLE

SAINT VENANT PRINCIPLE

```
  3203
  UF    SAINT VENANT FLEXURE PROBLEM
        ST VENANT FLEXURE PROBLEM
  RT    PLASTIC DEFORMATION
        STATIC DEFORMATION
        STATIC LOADS
        STRESS ANALYSIS
        STRESS CONCENTRATION
        TEMPERATURE INVERSIONS

SALICYLATES
  0403 0603 1808
  GS   #SALICYLATES
        .SODIUM SALICYLATES
  RT    ACETYLSALICYLIC ACID
        DRUGS
        ESTERS

SALINITY
  0601 0603
  GS    CHEMICAL PROPERTIES
        #SALINITY
  RT    ALKALINITY
        BRINES
        CORE SAMPLING
        DESALINIZATION
        OCEAN CURRENTS
        OCEANOGRAPHIC PARAMETERS
        SEA WATER

SALIVA
  0403 0405
  GS    BODY FLUIDS
        #SALIVA
  RT    DIGESTIVE SYSTEM
        MUCUS
        SALIVARY GLANDS

SALIVARY GLANDS
  0404
  UF    PAROTID GLAND
  GS    ANATOMY
        .DIGESTIVE SYSTEM
        .#SALIVARY GLANDS
        .GLANDS (ANATOMY)
        .#SALIVARY GLANDS
  RT    MOUTH
        SALIVA

SALMONELLA
  0407 0412
  GS    MICROORGANISMS
        .BACTERIA
        .#SALMONELLA

SALT BATHS
  0603 2601
  GS    BATHS
        #SALT BATHS
  RT    BRINES
        HEAT TREATMENT
        MOLTEN SALTS

SALT BEDS
  1704
  GS    LANDFORMS
        .BEDS (GEOLOGY)
        .#SALT BEDS
  RT    BRINES
        BROMIDES
        CHLORIDES
        FLATS (LANDFORMS)
        SODIUM CHLORIDES

SALT FLATS
  USE   FLATS (LANDFORMS)

SALT SPRAY TESTS
  1108 3501
  GS    CHEMICAL TESTS
        #SALT SPRAY TESTS
        ENVIRONMENTAL TESTS
        .CORROSION TESTS
        .#SALT SPRAY TESTS
  RT    CORROSION
        CORROSION RESISTANCE
        SPRAY INGESTION
        STRESS CORROSION
      % TESTS

SALTON SEA (CA)
  1305
  GS    SEAS
        #SALTON SEA (CA)
  RT    CALIFORNIA
        DESERTS

% SALTS
  0603 1704 1804 1808
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    HALITES
        INORGANIC COMPOUNDS
        MOLTEN SALTS
        ORGANIC CHARGE TRANSFER SALTS
        ORGANIC COMPOUNDS
        SODIUM CHLORIDES
        SULFONATES

SALYUT SPACE STATION
  3009 3109 3409
  GS    ARTIFICIAL SATELLITES
        .SPACE STATIONS
        .#SALYUT SPACE STATION
        MANNED SPACECRAFT
        #SALYUT SPACE STATION
        SOVIET SPACECRAFT
        #SALYUT SPACE STATION
        STATIONS
        .SPACE STATIONS
        .#SALYUT SPACE STATION
  RT    SOYUZ SPACECRAFT
        SPACE BASES
        SPACE LABORATORIES
        SPACECRAFT DOCKING
        U.S.S.R. SPACE PROGRAM

SAMARITAN AIRCRAFT
  USE   C-131 AIRCRAFT

SAMARIUM
  1703
  GS    CHEMICAL ELEMENTS
        .RARE EARTH ELEMENTS
        .#SAMARIUM
        ...SAMARIUM ISOTOPES
        METALS
        .RARE EARTH ELEMENTS
        .#SAMARIUM
        ...SAMARIUM ISOTOPES

SAMARIUM COMPOUNDS
  0603 1804
  GS    RARE EARTH COMPOUNDS
        #SAMARIUM COMPOUNDS
  RT  % CHEMICAL COMPOUNDS
      % METAL COMPOUNDS

SAMARIUM ISOTOPES
  1703 2406
  GS    CHEMICAL ELEMENTS
        .RARE EARTH ELEMENTS
        ..SAMARIUM
        ..#SAMARIUM ISOTOPES
        METALS
        .RARE EARTH ELEMENTS
        ..SAMARIUM
        ..#SAMARIUM ISOTOPES

SAMOA
  1305
  GS    LANDFORMS
        .ISLANDS
        ..PACIFIC ISLANDS
```

..#SAMOA

SAMOS
3107 3401
UF SATELLITE AND MISSILE OBSERVATION SYSTEM
GS ARTIFICIAL SATELLITES
#SAMOS
MILITARY SPACECRAFT
.RECONNAISSANCE SPACECRAFT
.#SAMOS
RT SATELLITE TRACKING

SAMPLED DATA SYSTEMS
0802 1905
RT ADAPTIVE CONTROL
AUTOMATIC CONTROL
CONTROL STABILITY
CONTROL THEORY
DATA SAMPLING
FEEDBACK CONTROL

SAMPLERS
0802 1905 1106 1108
UF BOMBS (SAMPLERS)
SAMPLING DEVICES
RT % BOMBS
CORE SAMPLING
SAMPLES
SAMPLING
SELECTORS
% TEST EQUIPMENT

SAMPLES
1505 3406
GS #SAMPLES
.MARS SURFACE SAMPLES
RT ACCEPTABILITY
MARS SAMPLE RETURN MISSIONS
SAMPLERS
SAMPLING
SPECIMENS

SAMPLING
0802 1902 1905 3404 3407
GS #SAMPLING
.AIR SAMPLING
.CORE SAMPLING
.DATA SAMPLING
.PARTICULATE SAMPLING
.RANDOM SAMPLING
RT ALLOWANCES
ASSAYING
BAYES THEOREM
CENSORED DATA (MATHEMATICS)
CHEMICAL ANALYSIS
CHEMICAL TESTS
COLLECTION
CONCENTRATION (COMPOSITION)
CONFIDENCE LIMITS
COUNTING
ESTIMATING
EXPLORATION
GLOBAL AIR SAMPLING PROGRAM
HETEROGENEITY
HOMOGENEITY
INSPECTION
INVESTIGATION
PROBABILITY THEORY
PROCESS CONTROL (INDUSTRY)
QUALITY CONTROL
RANDOM ERRORS
RELIABILITY
SAMPLERS
SAMPLES
SELECTION
SEQUENTIAL ANALYSIS
SPECIMENS
STANDARDS
STATISTICAL ANALYSIS
% STATISTICS
SWEEP CIRCUITS
% TESTS
VARIABILITY
WEIBULL DENSITY FUNCTIONS

SAMPLING DEVICES
USE SAMPLERS

SAN ANDREAS FAULT
1304 1306
GS GEOLOGICAL FAULTS
#SAN ANDREAS FAULT
RT CALIFORNIA
CRUSTAL FRACTURES
EARTH CRUST
EARTHQUAKES
MEXICO

SAN ANDREAS FAULT EXPERIMENT
1306
RT EARTHQUAKES
GEOLOGICAL FAULTS

SAN FRANCISCO (CA)
1305
GS CITIES
#SAN FRANCISCO (CA)
RT CALIFORNIA

SAN FRANCISCO BAY (CA)
1305 1310
GS BAYS (TOPOGRAPHIC FEATURES)
#SAN FRANCISCO BAY (CA)
RT CALIFORNIA
PACIFIC OCEAN
SAN PABLO BAY (CA)

SAN JOAQUIN VALLEY (CA)
1305 1306
GS VALLEYS
#SAN JOAQUIN VALLEY (CA)
RT CALIFORNIA
RIVER BASINS

SAN JUAN MOUNTAINS (CO)
1306 1308
GS LANDFORMS
.MOUNTAINS
.#SAN JUAN MOUNTAINS (CO)
RT COLORADO

SAN MARCO SATELLITES
3107 3409
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
.#SAN MARCO SATELLITES
...SAN MARCO 1 SATELLITE
...SAN MARCO 2 SATELLITE
...SAN MARCO 3 SATELLITE
RT SCOUT LAUNCH VEHICLE

SAN MARCO 1 SATELLITE
3107
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
..SAN MARCO SATELLITES
..#SAN MARCO 1 SATELLITE

SAN MARCO 2 SATELLITE
3107
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
..SAN MARCO SATELLITES
..#SAN MARCO 2 SATELLITE

SAN MARCO 3 SATELLITE
3107
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
..SAN MARCO SATELLITES
..#SAN MARCO 3 SATELLITE

SAN MARINO
1305

GS NATIONS
#SAN MARINO
RT EUROPE
ITALY

SAN PABLO BAY (CA)
1307
GS BAYS (TOPOGRAPHIC FEATURES)
#SAN PABLO BAY (CA)
RT CALIFORNIA
SAN FRANCISCO BAY (CA)

SAND CASTING
0602
GS FORMING TECHNIQUES
.CASTING
.#SAND CASTING
RT MOLDING MATERIALS
SANDS

SAND DUNES
USE DUNES

SAND HILLS REGION (GA-NC-SC)
1305
GS REGIONS
#SAND HILLS REGION (GA-NC-SC)
RT GEORGIA
NORTH CAROLINA
SOUTH CAROLINA

SAND HILLS REGION (NE)
1305
GS REGIONS
#SAND HILLS REGION (NE)
RT NEBRASKA

SANDPIPER TARGET MISSILE
0201 2102 3401
GS MISSILE CONFIGURATIONS
#SANDPIPER TARGET MISSILE
MISSILES
#SANDPIPER TARGET MISSILE
RT DRONE VEHICLES
TARGETS

SANDS
1805
GS SEDIMENTS
#SANDS
..MONAZITE SANDS
..TAR SANDS
SOILS
#SANDS
..MONAZITE SANDS
..TAR SANDS
RT AGGREGATES
ALLUVIUM
AQUIFERS
DELTAS
DUNES
DUST
EARTH RESOURCES
FANS (LANDFORMS)
GRAVELS
GRIT
ILMENITE
LITTORAL DRIFT
LITTORAL TRANSPORT
MOLDING MATERIALS
POROUS MATERIALS
QUARTZ
RAIN EROSION
REEFS
SAND CASTING
SANDSTONES
SEDIMENTARY ROCKS
SILICA GLASS
SILICON DIOXIDE

SANDSTONES
1305 1805
GS ROCKS
.SEDIMENTARY ROCKS
.#SANDSTONES
RT EARTH RESOURCES
SANDS
SCHIST
SOILS

SANDWICH CONSTRUCTION
USE SANDWICH STRUCTURES

SANDWICH STRUCTURES
3202
UF SANDWICH CONSTRUCTION
RT COMPOSITE MATERIALS
EPOXY MATRIX COMPOSITES
HONEYCOMB CORES
HONEYCOMB STRUCTURES
INTERLAYERS
LAMINATES
MULTILAYER INSULATION
PLY ORIENTATION
RIGID STRUCTURES
% STRUCTURES
WALLS

SANITATION
0504 0505
RT CONSUMABLES (SPACECREW SUPPLIES)
HEALTH
HOUSEKEEPING (SPACECRAFT)
HYGIENE
POTABLE WATER
PUBLIC HEALTH
SEWERS
TOILETS
WARNING SYSTEMS
WASTE DISPOSAL

SANTOWAX (TRADEMARK)
1803 1808
RT POLYSTYRENE

SAPPHIRE
1804 1806 2601
GS ALUMINUM COMPOUNDS
.ALUMINUM OXIDES
.#SAPPHIRE
CHALCOGENIDES
.OXIDES
..METAL OXIDES
...ALUMINUM OXIDES
...#SAPPHIRE

SAPROPHYTES
0407
GS PLANTS (BOTANY)
#SAPROPHYTES
RT BACTERIA
MICROORGANISMS

SARCINA
0407
GS MICROORGANISMS
.BACTERIA
.#SARCINA

SARCOMA
USE CANCER

SARCOPLASMIC RETICULUM
0404 0406 0409
GS ORGANELLES
.ENDOPLASMIC RETICULUM
.#SARCOPLASMIC RETICULUM
RT CELLS (BIOLOGY)
CYTOLOGY
CYTOPLASM

SARGASSO SEA
1307
RT ATLANTIC OCEAN
GULF STREAM

```
        OCEAN MODELS
        OCEAN SURFACE
        OCEANOGRAPHY
        SEAS

SARSAT
  3107
  UF    SEARCH AND RESCUE SATELLITE
  GS    ARTIFICIAL SATELLITES
        #SARSAT
  RT    COSPAS
        NOAA 8 SATELLITE
        RECONNAISSANCE
        RESCUE OPERATIONS
        SEARCHING

SAS
  3001 3107
  UF    SMALL ASTRONOMY SATELLITES
  GS    OBSERVATORIES
        .ASTRONOMICAL OBSERVATORIES
        ..ASTRONOMICAL SATELLITES
        ..#SAS
        ....EXPLORER 53 SATELLITE
        ....SAS-1
        ....SAS-2
        ....SAS-3
  RT    EXPLORER 48 SATELLITE
        UHURU SATELLITE

SAS-D
  USE   IUE

SAS-1
  3001 3009 3107
  UF    SMALL ASTRONOMY SATELLITE 1
  GS    OBSERVATORIES
        .ASTRONOMICAL OBSERVATORIES
        ..ASTRONOMICAL SATELLITES
        ...SAS
        ...#SAS-1
  RT    RADIO ASTRONOMY

SAS-2
  3001 3009 3107
  UF    SMALL ASTRONOMY SATELLITE 2
  GS    OBSERVATORIES
        .ASTRONOMICAL OBSERVATORIES
        ..ASTRONOMICAL SATELLITES
        ...SAS
        ...#SAS-2
  RT    EXPLORER 48 SATELLITE
        RADIO ASTRONOMY
        SPACEBORNE ASTRONOMY

SAS-3
  3009 3107
  UF    SMALL ASTRONOMY SATELLITE 3
  GS    OBSERVATORIES
        .ASTRONOMICAL OBSERVATORIES
        ..ASTRONOMICAL SATELLITES
        ...SAS
        ...#SAS-3
  RT    EXPLORER 53 SATELLITE
        RADIO ASTRONOMY
        SPACEBORNE ASTRONOMY
        X RAY ASTRONOMY

SASKATCHEWAN
  1305
  GS    NATIONS
        .CANADA
        .#SASKATCHEWAN

SATAN (SENSOR)
  USE   TERRAIN ANALYSIS

SATELLITE ALTIMETRY
  0202 0203 1901
  GS    ALTIMETRY
        #SATELLITE ALTIMETRY
  RT    ALTIMETERS
        GEODESY
        GEODETIC SATELLITES
        GEOIDS
        GEOS 3 SATELLITE
        GEOSAT SATELLITES
        RADAR MEASUREMENT
        SATELLITE OBSERVATION
        SATELLITE-BORNE RADAR
        SEASAT SATELLITES
        TOPOGRAPHY

SATELLITE AND MISSILE OBSERVATION SYSTEM
  USE   SAMOS

SATELLITE ANTENNAS
  0901
  GS    ANTENNAS
        #SATELLITE ANTENNAS
  RT    FURLABLE ANTENNAS
        MULTIBEAM ANTENNAS
        RADIO ANTENNAS
        TELECOMMUNICATION

SATELLITE ATMOSPHERES
  3001
  GS    ENVIRONMENTS
        .EXTRATERRESTRIAL ENVIRONMENTS
        .#SATELLITE ATMOSPHERES
        ...LUNAR ATMOSPHERE
  RT %  ATMOSPHERES
        ATMOSPHERIC CHEMISTRY
        ATMOSPHERIC COMPOSITION
        ATMOSPHERIC PHYSICS
        EARTH ATMOSPHERE
        EARTH IONOSPHERE
        EARTH MAGNETOSPHERE
        IONOSPHERIC COMPOSITION
        MAGNETOPAUSE
        NATURAL SATELLITES
        PLANETARY ATMOSPHERES
        STELLAR ATMOSPHERES
        TITAN
        TRITON
        UPPER ATMOSPHERE

SATELLITE ATTITUDE CONTROL
  3006 3107 3502
  GS    ATTITUDE CONTROL
        #SATELLITE ATTITUDE CONTROL
        SPACECRAFT CONTROL
        .SATELLITE CONTROL
        .#SATELLITE ATTITUDE CONTROL
  RT    ATTITUDE STABILITY
        AUTOMATIC CONTROL
     %  CONTROL
        DIRECTIONAL CONTROL
        GRAVITY GRADIENT SATELLITES
        JET CONTROL
        LATERAL CONTROL
        LONGITUDINAL CONTROL
        MARQUARDT R4D ENGINE
        THREE AXIS STABILIZATION
        TRANSIT ATTITUDE CONTROL SATELLITE

SATELLITE ATTITUDE DISTURBANCE
  USE   ATTITUDE STABILITY
        SPACECRAFT STABILITY

SATELLITE BREAKUP
  USE   SPACECRAFT BREAKUP

SATELLITE CAPTURE
  USE   SPACECRAFT RECOVERY

SATELLITE CLUSTERS
  USE   SATELLITE CONSTELLATIONS

SATELLITE COMMUNICATION
  0707 3107
  GS    TELECOMMUNICATION
        .SPACE COMMUNICATION
        ..SPACECRAFT COMMUNICATION
        ..#SATELLITE COMMUNICATION
```

RT ACTS
ARPA COMPUTER NETWORK
ASTRIONICS
CIRCUMLUNAR COMMUNICATION
COMMUNICATION SATELLITES
EARTH TERMINALS
FACSIMILE COMMUNICATION
GROUND-AIR-GROUND COMMUNICATION
HOOP COLUMN ANTENNAS
INTERPLANETARY COMMUNICATION
LUNAR COMMUNICATION
MULTIBEAM ANTENNAS
OPTICAL COMMUNICATION
PACKET TRANSMISSION
PLASMA ANTENNAS
RADIO COMMUNICATION
SATELLITE COMMUNICATIONS SHIPS
SATELLITE GROUND SUPPORT
SINGLE CHANNEL PER CARRIER TRANSMISSION
SYSTEM GENERATED ELECTROMAGNETIC PULSES
TRANSMISSION RATE (COMMUNICATIONS)
UNIFIED S BAND

SATELLITE COMMUNICATIONS SHIPS
1106
UF USNS KINGSPORT
GS SURFACE VEHICLES
#SATELLITE COMMUNICATIONS SHIPS
WATER VEHICLES
.SHIPS
.#SATELLITE COMMUNICATIONS SHIPS
RT SATELLITE COMMUNICATION
SPACECRAFT COMMUNICATION

SATELLITE CONFIGURATIONS
3107 3203
GS SPACECRAFT CONFIGURATIONS
#SATELLITE CONFIGURATIONS
RT AERODYNAMIC CONFIGURATIONS

SATELLITE CONSTELLATIONS
0702 2103 3107
UF SATELLITE CLUSTERS
GS SATELLITE NETWORKS
#SATELLITE CONSTELLATIONS
RT COMMUNICATION NETWORKS
COMMUNICATION SATELLITES
GLOBAL POSITIONING SYSTEM
SATELLITE GROUND TRACKS
SATELLITE NAVIGATION SYSTEMS
SPATIAL DISTRIBUTION
STATIONKEEPING

SATELLITE CONTROL
0707 1410 3006 3107 3502
GS SPACECRAFT CONTROL
#SATELLITE CONTROL
..SATELLITE ATTITUDE CONTROL
RT ATTITUDE CONTROL
AUTOMATIC CONTROL
% CONTROL
DIRECTIONAL CONTROL
FLEXIBLE SPACECRAFT
GRAVITY GRADIENT SATELLITES
JET CONTROL
LATERAL CONTROL
LONGITUDINAL CONTROL
MANUAL CONTROL
REMOTE CONTROL
THRUST CONTROL

SATELLITE DEFENSE
USE SPACECRAFT DEFENSE

SATELLITE DESIGN
3009 3107 3404
GS SPACECRAFT DESIGN
#SATELLITE DESIGN
RT COMPUTER AIDED DESIGN
% DESIGN
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
PRODUCT DEVELOPMENT
SPACECRAFT STRUCTURES
STRUCTURAL DESIGN
SYSTEMS ENGINEERING

SATELLITE DOPPLER POSITIONING
0709 1304 1305
RT ARGOS SYSTEM
DOPPLER EFFECT
DOPPLER NAVIGATION
DOPPLER RADAR
GEODESY
GEODETIC ACCURACY
GEODETIC COORDINATES
GEODETIC SATELLITES
GEODETIC SURVEYS
POLYSTATION DOPPLER TRACKING SYSTEM
POSITIONING
SATELLITE TRACKING
TRACKING (POSITION)

SATELLITE DRAG
0101 1202 1302 3107
GS DYNAMIC CHARACTERISTICS
.DRAG
.#SATELLITE DRAG
RT AERODYNAMIC DRAG
ELECTROSTATIC DRAG
FRICTION DRAG

SATELLITE FRAGMENTATION
USE SPACECRAFT BREAKUP

SATELLITE GROUND SUPPORT
0709 1102 1109 3107
RT GROUND SUPPORT EQUIPMENT
SATELLITE COMMUNICATION
SPACECRAFT COMMUNICATION

SATELLITE GROUND TRACKS
0709 1109 3107
GS GROUND TRACKS
#SATELLITE GROUND TRACKS
RT FLIGHT PATHS
ORBITS
SATELLITE CONSTELLATIONS

SATELLITE GUIDANCE
0707 1410 3006 3107 3502
GS GUIDANCE (MOTION)
.SPACECRAFT GUIDANCE
.#SATELLITE GUIDANCE
RT AUTOMATIC CONTROL
INERTIAL GUIDANCE
INJECTION GUIDANCE
LOCATES SYSTEM
MANUAL CONTROL
REENTRY GUIDANCE
RENDEZVOUS GUIDANCE
SPACE NAVIGATION

SATELLITE IMAGERY
2310
GS IMAGERY
#SATELLITE IMAGERY
RT ATMOSPHERIC CORRECTION
COASTAL ZONE COLOR SCANNER
IMAGE ANALYSIS
IMAGING TECHNIQUES
PIXELS
SATELLITE OBSERVATION
SATELLITE-BORNE PHOTOGRAPHY
VEGETATIVE INDEX

SATELLITE INSTRUMENTS
0708 1410 3107 3502
GS SPACECRAFT INSTRUMENTS
#SATELLITE INSTRUMENTS
..MULTISPECTRAL LINEAR ARRAYS
RT FLIGHT INSTRUMENTS
% INSTRUMENTS

LASER ALTIMETERS
MEASURING INSTRUMENTS
NEEDS (DATA SYSTEM)
WILDLIFE RADIOLOCATION

SATELLITE INTERCEPTORS
0709 1109 3107 3502
RT % INTERCEPTORS
PURSUIT TRACKING

SATELLITE LAUNCHING
USE SPACECRAFT LAUNCHING

SATELLITE LIFETIME
3006 3107
GS LIFE (DURABILITY)
#SATELLITE LIFETIME
RT ORBIT DECAY
SPACECRAFT REENTRY

SATELLITE MANEUVERS
USE SPACECRAFT MANEUVERS

SATELLITE NAVIGATION SYSTEMS
2103 3502
GS #SATELLITE NAVIGATION SYSTEMS
.TRANSIT NAVIGATION SYSTEM
RT AUTONOMOUS NAVIGATION
GLOBAL POSITIONING SYSTEM
NAVIGATION SATELLITES
RADAR NAVIGATION
RADIO NAVIGATION
SATELLITE CONSTELLATIONS
SPACE NAVIGATION
% SYSTEMS

SATELLITE NETWORKS
0702 0708 0709 3107
SN (NETWORKS INCORPORATING SATELLITES)
GS #SATELLITE NETWORKS
.ARGOS SYSTEM
.SATELLITE CONSTELLATIONS
.VSAT (NETWORK)
RT AERONAUTICAL SATELLITES
AEROSAT SATELLITES
CODE DIVISION MULTIPLE ACCESS
COMMUNICATION NETWORKS
COMMUNICATION SATELLITES
COMSTAR SATELLITES
DEMAND ASSIGNMENT MULTIPLE ACCESS
DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS
HET EXPERIMENT
L-SAT
MARECS MARITIME SATELLITES
MILITARY SPACECRAFT
MOLNIYA SATELLITES
MULTIMISSION MODULAR SPACECRAFT
NAVIGATION SATELLITES
NAVSTAR SATELLITES
NETWORK CONTROL
% NETWORKS
SKYNET SATELLITES
TDR SATELLITES
TELECONFERENCING
TIME DIVISION MULTIPLE ACCESS

SATELLITE OBSERVATION
1308 2003 2004 3401 3407
GS OBSERVATION
.EARTH OBSERVATIONS (FROM SPACE)
.#SATELLITE OBSERVATION
RT ARC CLOUDS
EARTH RESOURCES PROGRAM
EROS (SATELLITES)
ESSA SATELLITES
FIRE (CLIMATOLOGY)
IRIS SATELLITES
ISCCP PROJECT
LANDSAT SATELLITES
METEOROLOGICAL SATELLITES
METEOSAT SATELLITE
NIMBUS PROJECT
NIMBUS SATELLITES
SATELLITE ALTIMETRY
SATELLITE IMAGERY
SIRS B SATELLITE
SPACEBORNE PHOTOGRAPHY
SWATH WIDTH
SYNCHRONOUS EARTH OBSERVATORY SATELLITE
TIROS OPERATIONAL SATELLITE SYSTEM
TIROS SATELLITES
TOPEX
UHURU SATELLITE
VEGETATIVE INDEX
VELA SATELLITES
WILDLIFE RADIOLOCATION

SATELLITE ORBIT CALCULATION
USE ORBIT CALCULATION

SATELLITE ORBITS
1904 3006 3107 3502
SN (LIMITED TO ORBITS OF ARTIFICIAL SATELLITES)
GS ORBITS
.SPACECRAFT ORBITS
.#SATELLITE ORBITS
...GEOSYNCHRONOUS ORBITS
...PARKING ORBITS
...POLAR ORBITS
...STATIONARY ORBITS
...TWENTY-FOUR HOUR ORBITS
RT CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LISSAJOUS FIGURES
LUNAR ORBITS
ORBIT INSERTION
ORBIT SPECTRUM UTILIZATION
ORBITAL MECHANICS
ORBITAL POSITION ESTIMATION
ORBITAL RESONANCES (CELESTIAL MECHANICS)
PLANETARY ORBITS
TRANSFER ORBITS

SATELLITE ORIENTATION
1904 3006 3107 3502
GS ATTITUDE (INCLINATION)
#SATELLITE ORIENTATION
RT FLEXIBLE SPACECRAFT
IMAGE DISSECTOR TUBES
SPIN STABILIZATION
THREE AXIS STABILIZATION

SATELLITE PERTURBATION
1904 3006 3107 3502
GS PERTURBATION
.ORBIT PERTURBATION
.#SATELLITE PERTURBATION
RT DISCOS (SATELLITE ATTITUDE CONTROL)
GRAVITATIONAL FIELDS
ORBITAL MECHANICS
SCHACH EFFECT
SPACECRAFT STABILITY
TESSERAL HARMONICS

SATELLITE POWER TRANSMISSION
3107 3109
GS POWER BEAMING
#SATELLITE POWER TRANSMISSION
RT LASER POWER BEAMING
MICROWAVE POWER BEAMING
RECTENNAS
SOLAR ARRAYS
SOLAR CELLS
SOLAR POWER SATELLITES

SATELLITE RENDEZVOUS
USE ORBITAL RENDEZVOUS

SATELLITE REPAIR

USE ORBITAL SERVICING

SATELLITE ROTATION
2308 3006 3107
GS GYRATION
.ROTATION
.#SATELLITE ROTATION
RT FLEXIBLE SPACECRAFT
SPIN REDUCTION
SPIN STABILIZATION
TUMBLING MOTION
YO-YO DEVICES

SATELLITE SOLAR ENERGY CONVERSION
0301 0303 0904 2304 2309 2402 3107
3109 3404 3409
GS ENERGY CONVERSION
#SATELLITE SOLAR ENERGY CONVERSION
RT % CONVERSION
MICROWAVE TRANSMISSION
MICROWAVES
POWER CONDITIONING
SOLAR CELLS
SUN

SATELLITE SOLAR POWER STATIONS
2304 2309 2311 2402 3107 3109 3409
RT ENERGY CONVERSION
MICROWAVE TRANSMISSION
MICROWAVES
POWER CONDITIONING
SOLAR CELLS
SUN

SATELLITE SOUNDING
3107 3110
GS SOUNDING
#SATELLITE SOUNDING
RT ARTIFICIAL SATELLITES
ATMOSPHERIC SOUNDING
IONOSONDES
IONOSPHERIC SOUNDING
METEOROLOGICAL SATELLITES
RADIOSONDES
ROCKET SOUNDING
VISIBLE INFRARED SPIN SCAN
RADIOMETER

SATELLITE SURFACES
2902
SN (RESTRICTED TO NATURAL SATELLITES)
GS #SATELLITE SURFACES
.LUNAR SURFACE
RT CRATERS
ICY SATELLITES
MERCURY SURFACE
NATURAL SATELLITES
% SURFACES
TERRAIN ANALYSIS

SATELLITE TELEVISION
0702 0708 1412 3107
GS COMMUNICATION EQUIPMENT
.SPACECRAFT TELEVISION
.#SATELLITE TELEVISION
TELECOMMUNICATION
.SPACECRAFT TELEVISION
.#SATELLITE TELEVISION
TELEVISION SYSTEMS
.SPACECRAFT TELEVISION
.#SATELLITE TELEVISION
RT COLOR TELEVISION
DIRECT BROADCAST SATELLITES
METEOROLOGICAL SATELLITES
SPACE PROBES
STEREOTELEVISION
SYMPHONIE SATELLITES
TELEVISION CAMERAS
TELEVISION TRANSMISSION

SATELLITE TEMPERATURE
1408 3110
GS TEMPERATURE
#SATELLITE TEMPERATURE
RT AMBIENT TEMPERATURE
RADIATIVE HEAT TRANSFER
SOLAR RADIATION SHIELDING
SPACECRAFT DESIGN
SPACECRAFT ENVIRONMENTS
SPACECRAFT TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE MEASUREMENT
THERMAL ENVIRONMENTS

SATELLITE TRACKING
0709 1109 3006 3107
GS TRACKING (POSITION)
.SPACECRAFT TRACKING
.#SATELLITE TRACKING
...SATELLITE-TO-SATELLITE TRACKING
RT CINETHEODOLITES
GLOBAL TRACKING NETWORK
INTERNATIONAL SATELLITE GEODESY
EXPERIMENT
LASER TARGET DESIGNATORS
MINITRACK SYSTEM
OPTICAL SATELLITE TRACKING PROGRAM
PHOTOGRAPHIC TRACKING
RANGE AND RANGE RATE TRACKING
SAMOS
SATELLITE DOPPLER POSITIONING
SPACE FLIGHT TRACKING AND DATA
NETWORK
STDN (NETWORK)
TRACKING NETWORKS
TRACKING STATIONS
TRANSPONDER CONTROL GROUP

SATELLITE TRACKING AND DATA ACQ NETWORK
USE STDN (NETWORK)

SATELLITE TRANSMISSION
0702 0706 0707 0708 1410 3107
GS TRANSMISSION
.SIGNAL TRANSMISSION
.#SATELLITE TRANSMISSION
RT ALOHA SYSTEM
BINARY PHASE SHIFT KEYING
CODE DIVISION MULTIPLEXING
DATA TRANSMISSION
DIRECT BROADCAST SATELLITES
DOMESTIC SATELLITE COMMUNICATIONS
SYSTEMS
DOWNLINKING
EARTH TERMINALS
FREQUENCY DIVISION MULTIPLEXING
FREQUENCY REUSE
MSAT
MULTIPLEXING
PULSE COMMUNICATION
QUADRATURE PHASE SHIFT KEYING
RADIO TRANSMISSION
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SPACECRAFT TELEVISION
TDR SATELLITES
TELEVISION TRANSMISSION
UPLINKING

SATELLITE-BORNE INSTRUMENTS
0708 1410 3009
GS MEASURING INSTRUMENTS
#SATELLITE-BORNE INSTRUMENTS
..ADVANCED VERY HIGH RESOLUTION
RADIOMETER
..AMPS (SATELLITE PAYLOAD)
..TOTAL OZONE MAPPING SPECTROMETER
RT AMPTE (SATELLITES)
DIAL SATELLITE
INFRARED RADIOMETERS
INSTRUMENT PACKAGES
% INSTRUMENTS
OPEN PROJECT
PARTICLE TELESCOPES
RADIATION DETECTORS

REMOTE SENSORS
SINGLE EVENT UPSETS
SOLAR BACKSCATTER UV SPECTROMETER
VISIBLE INFRARED SPIN SCAN
RADIOMETER

SATELLITE-BORNE PHOTOGRAPHY
1407 1410 3107
GS IMAGERY
.SPACEBORNE PHOTOGRAPHY
.#SATELLITE-BORNE PHOTOGRAPHY
PHOTOGRAPHY
.SPACEBORNE PHOTOGRAPHY
.#SATELLITE-BORNE PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
DMSP SATELLITES
FOREST FIRE DETECTION
GEOGRAPHIC APPLICATIONS PROGRAM
INFRARED PHOTOGRAPHY
MARS PHOTOGRAPHS
PHOTOMAPPING
PHOTOMAPS
ROCKET-BORNE PHOTOGRAPHY
SATELLITE IMAGERY
SPACE SURVEILLANCE (SPACEBORNE)
SPECTRAL RECONNAISSANCE
TIMBER INVENTORY

SATELLITE-BORNE RADAR
0705 0706 0707 1410 3107
GS RADAR
#SATELLITE-BORNE RADAR
RT RADAR DETECTION
SATELLITE ALTIMETRY
SEARCH RADAR
SURVEILLANCE RADAR
SYNTHETIC APERTURE RADAR
TRACKING RADAR

SATELLITE-TO-SATELLITE TRACKING
3407
GS TRACKING (POSITION)
.SPACECRAFT TRACKING
..SATELLITE TRACKING
..#SATELLITE-TO-SATELLITE TRACKING
RT SPACE SURVEILLANCE (SPACEBORNE)
TRACKING NETWORKS

% SATELLITES
1901 2004
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ARTIFICIAL SATELLITES
NATURAL SATELLITES

SATURABLE REACTORS
2204
UF SR (REACTORS)
GS ELECTRIC REACTORS
#SATURABLE REACTORS
RT MAGNET COILS
MAGNETIC AMPLIFIERS
MAGNETIC CIRCUITS
MAGNETIC CORES
MAGNETIC SWITCHING
POWER REACTORS
TRANSFORMERS

SATURATED HYDROCARBONS
USE ALKANES

% SATURATION
0601 0603 2003 3407
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CONCENTRATION (COMPOSITION)
CONDENSING
CROWDING
DESATURATION
PENETRATION
PERMEATING
PRECIPITATION (CHEMISTRY)
PRECIPITATION (METEOROLOGY)
UNSATURATION (CHEMISTRY)
WETTING

SATURATION (CHEMISTRY)
0601
RT CHEMICAL BONDS
% CHEMISTRY
DEW POINT
PRECIPITATION (CHEMISTRY)
UNSATURATION (CHEMISTRY)

% SATURN
3110 3409
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT SATURN (PLANET)
SATURN PROJECT

SATURN (PLANET)
3001 3008
GS CELESTIAL BODIES
.PLANETS
..GAS GIANT PLANETS
..#SATURN (PLANET)
RT CASSINI MISSION
DIONE
ENCELADUS
HYPERION
IAPETUS
JANUS
MIMAS
PHOEBE
RHEA (ASTRONOMY)
% SATURN
TETHYS
TITAN
VOYAGER 2 SPACECRAFT

SATURN ATMOSPHERE
3001
GS ENVIRONMENTS
.EXTRATERRESTRIAL ENVIRONMENTS
..PLANETARY ENVIRONMENTS
...PLANETARY ATMOSPHERES
...#SATURN ATMOSPHERE
RT ATMOSPHERIC COMPOSITION
PLANETARY IONOSPHERES
PLANETARY RADIATION

SATURN D LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
.#SATURN D LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
..#SATURN D LAUNCH VEHICLE
RT RL-10-A-3 ENGINE

SATURN LAUNCH VEHICLES
3103
GS LAUNCH VEHICLES
#SATURN LAUNCH VEHICLES
..SATURN D LAUNCH VEHICLE
..SATURN 1 LAUNCH VEHICLES
...SATURN 1 SA-1 LAUNCH VEHICLE
...SATURN 1 SA-2 LAUNCH VEHICLE
...SATURN 1 SA-3 LAUNCH VEHICLE
...SATURN 1 SA-4 LAUNCH VEHICLE
...SATURN 1 SA-5 LAUNCH VEHICLE
...SATURN 1 SA-6 LAUNCH VEHICLE
...SATURN 1 SA-7 LAUNCH VEHICLE
...SATURN 1 SA-8 LAUNCH VEHICLE
...SATURN 1 SA-9 LAUNCH VEHICLE
...SATURN 1 SA-10 LAUNCH VEHICLE
..SATURN 1B LAUNCH VEHICLES

```
      ..SATURN 2 LAUNCH VEHICLES
      ..SATURN 5 LAUNCH VEHICLES
      ROCKET VEHICLES
      .MULTISTAGE ROCKET VEHICLES
      .#SATURN LAUNCH VEHICLES
      ...SATURN D LAUNCH VEHICLE
      ...SATURN 1 LAUNCH VEHICLES
      ....SATURN 1 SA-1 LAUNCH VEHICLE
      ....SATURN 1 SA-2 LAUNCH VEHICLE
      ....SATURN 1 SA-3 LAUNCH VEHICLE
      ....SATURN 1 SA-4 LAUNCH VEHICLE
      ....SATURN 1 SA-5 LAUNCH VEHICLE
      ....SATURN 1 SA-6 LAUNCH VEHICLE
      ....SATURN 1 SA-7 LAUNCH VEHICLE
      ....SATURN 1 SA-8 LAUNCH VEHICLE
      ....SATURN 1 SA-9 LAUNCH VEHICLE
      ....SATURN 1 SA-10 LAUNCH VEHICLE
      ...SATURN 1B LAUNCH VEHICLES
      ...SATURN 2 LAUNCH VEHICLES
      ...SATURN 5 LAUNCH VEHICLES
  RT  APOLLO PROJECT
      F-1 ROCKET ENGINE
      RL-10 ENGINES
    % VEHICLES

SATURN PROJECT
  3004 3102 3103 3110 3409
  GS  PROGRAMS
      .NASA PROGRAMS
      ..NASA SPACE PROGRAMS
      ..#SATURN PROJECT
      .PROJECTS
      .#SATURN PROJECT
      .SPACE PROGRAMS
      ..NASA SPACE PROGRAMS
      ..#SATURN PROJECT
  RT  APOLLO APPLICATIONS PROGRAM
      APOLLO SPACECRAFT
      CENTAUR LAUNCH VEHICLE
      LAUNCH VEHICLES
      LUNAR LAUNCH
      PEGASUS SATELLITES
      RIFT (REACTOR IN FLIGHT TEST)
      VOYAGER PROJECT

SATURN RINGS
  3003 3008
  GS  CELESTIAL BODIES
      .PLANETARY RINGS
      .#SATURN RINGS
  RT  GAS GIANT PLANETS
      JUPITER RINGS
      MOONLETS
      NATURAL SATELLITES
      PLANETARY ATMOSPHERES
      PLANETARY COMPOSITION
      PLANETARY SURFACES
      PLANETARY TEMPERATURE
      PLANETOLOGY
      PLANETS
    % RINGS
      SOLAR SYSTEM
      URANUS RINGS

SATURN S-1 STAGE
  3103
  GS  ROCKET VEHICLES
      .SATURN STAGES
      .#SATURN S-1 STAGE
  RT  LIQUID PROPELLANT ROCKET ENGINES

SATURN S-1B STAGE
  3103
  GS  ROCKET VEHICLES
      .SATURN STAGES
      .#SATURN S-1B STAGE
  RT  LIQUID PROPELLANT ROCKET ENGINES

SATURN S-1C STAGE
  3103
  GS  ROCKET VEHICLES
      .SATURN STAGES
      .#SATURN S-1C STAGE
  RT  LIQUID PROPELLANT ROCKET ENGINES

SATURN S-2 STAGE
  3103
  GS  ROCKET VEHICLES
      .SATURN STAGES
      .#SATURN S-2 STAGE
  RT  LIQUID PROPELLANT ROCKET ENGINES

SATURN S-4 STAGE
  3103
  GS  ROCKET VEHICLES
      .SATURN STAGES
      .#SATURN S-4 STAGE
  RT  LIQUID PROPELLANT ROCKET ENGINES

SATURN S-4B STAGE
  3103
  GS  ROCKET VEHICLES
      .SATURN STAGES
      .#SATURN S-4B STAGE
  RT  LIQUID PROPELLANT ROCKET ENGINES

SATURN SATELLITES
  3008
  GS  CELESTIAL BODIES
      .NATURAL SATELLITES
      .#SATURN SATELLITES
      ...DIONE
      ...ENCELADUS
      ...HYPERION
      ...IAPETUS
      ...JANUS
      ...MIMAS
      ...PHOEBE
      ...RHEA (ASTRONOMY)
      ...TETHYS
      ...TITAN
  RT  ICY SATELLITES

SATURN STAGES
  3103
  GS  ROCKET VEHICLES
      #SATURN STAGES
      ..SATURN S-1 STAGE
      ..SATURN S-1B STAGE
      ..SATURN S-1C STAGE
      ..SATURN S-2 STAGE
      ..SATURN S-4 STAGE
      ..SATURN S-4B STAGE
  RT  LIQUID PROPELLANT ROCKET ENGINES

SATURN WORKSHOPS
  3009 3104 3109
  GS  ARTIFICIAL SATELLITES
      .ORBITAL WORKSHOPS
      .#SATURN WORKSHOPS
      ...SATURN 1 WORKSHOP
      ...SATURN 5 WORKSHOP
      MANNED SPACECRAFT
      .ORBITAL WORKSHOPS
      .#SATURN WORKSHOPS
      ...SATURN 1 WORKSHOP
      ...SATURN 5 WORKSHOP
  RT  AIRLOCK MODULES
      APOLLO APPLICATIONS PROGRAM
      APOLLO PROJECT
      MULTIPLE DOCKING ADAPTERS
      SKYLAB PROGRAM
      SPACE STATIONS

SATURN 1 LAUNCH VEHICLES
  3103
  GS  LAUNCH VEHICLES
      .SATURN LAUNCH VEHICLES
      .#SATURN 1 LAUNCH VEHICLES
      ...SATURN 1 SA-1 LAUNCH VEHICLE
      ...SATURN 1 SA-2 LAUNCH VEHICLE
      ...SATURN 1 SA-3 LAUNCH VEHICLE
      ...SATURN 1 SA-4 LAUNCH VEHICLE
      ...SATURN 1 SA-5 LAUNCH VEHICLE
      ...SATURN 1 SA-6 LAUNCH VEHICLE
```

...SATURN 1 SA-7 LAUNCH VEHICLE
...SATURN 1 SA-8 LAUNCH VEHICLE
...SATURN 1 SA-9 LAUNCH VEHICLE
...SATURN 1 SA-10 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
..#SATURN 1 LAUNCH VEHICLES
....SATURN 1 SA-1 LAUNCH VEHICLE
....SATURN 1 SA-2 LAUNCH VEHICLE
....SATURN 1 SA-3 LAUNCH VEHICLE
....SATURN 1 SA-4 LAUNCH VEHICLE
....SATURN 1 SA-5 LAUNCH VEHICLE
....SATURN 1 SA-6 LAUNCH VEHICLE
....SATURN 1 SA-7 LAUNCH VEHICLE
....SATURN 1 SA-8 LAUNCH VEHICLE
....SATURN 1 SA-9 LAUNCH VEHICLE
....SATURN 1 SA-10 LAUNCH VEHICLE
RT H-1 ENGINE
M-1 ENGINE

SATURN 1 SA-1 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-1 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-1 LAUNCH VEHICLE

SATURN 1 SA-2 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-2 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-2 LAUNCH VEHICLE

SATURN 1 SA-3 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-3 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-3 LAUNCH VEHICLE

SATURN 1 SA-4 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-4 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-4 LAUNCH VEHICLE

SATURN 1 SA-5 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-5 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-5 LAUNCH VEHICLE

SATURN 1 SA-6 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-6 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-6 LAUNCH VEHICLE

SATURN 1 SA-7 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-7 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-7 LAUNCH VEHICLE

SATURN 1 SA-8 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-8 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-8 LAUNCH VEHICLE

SATURN 1 SA-9 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-9 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-9 LAUNCH VEHICLE

SATURN 1 SA-10 LAUNCH VEHICLE
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
..SATURN 1 LAUNCH VEHICLES
..#SATURN 1 SA-10 LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
...SATURN 1 LAUNCH VEHICLES
...#SATURN 1 SA-10 LAUNCH VEHICLE

SATURN 1 WORKSHOP
3109
GS ARTIFICIAL SATELLITES
.ORBITAL WORKSHOPS
..SATURN WORKSHOPS
..#SATURN 1 WORKSHOP
MANNED SPACECRAFT
.ORBITAL WORKSHOPS
..SATURN WORKSHOPS
..#SATURN 1 WORKSHOP
RT AIRLOCK MODULES
APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
MULTIPLE DOCKING ADAPTERS
SKYLAB PROGRAM
SPACE STATIONS

SATURN 1B LAUNCH VEHICLES
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
.#SATURN 1B LAUNCH VEHICLES
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES

..SATURN LAUNCH VEHICLES
..#SATURN 1B LAUNCH VEHICLES
RT H-1 ENGINE
J-2 ENGINE
M-1 ENGINE
SKYLAB 2
SKYLAB 3
SKYLAB 4

SATURN 2 LAUNCH VEHICLES
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
.#SATURN 2 LAUNCH VEHICLES
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
..#SATURN 2 LAUNCH VEHICLES

SATURN 5 LAUNCH VEHICLES
3103
GS LAUNCH VEHICLES
.SATURN LAUNCH VEHICLES
.#SATURN 5 LAUNCH VEHICLES
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..SATURN LAUNCH VEHICLES
..#SATURN 5 LAUNCH VEHICLES
RT J-2 ENGINE
SKYLAB 2
SKYLAB 3
SKYLAB 4

SATURN 5 WORKSHOP
3109
GS ARTIFICIAL SATELLITES
.ORBITAL WORKSHOPS
..SATURN WORKSHOPS
..#SATURN 5 WORKSHOP
MANNED SPACECRAFT
.ORBITAL WORKSHOPS
..SATURN WORKSHOPS
..#SATURN 5 WORKSHOP
RT AIRLOCK MODULES
APOLLO APPLICATIONS PROGRAM
APOLLO PROJECT
MULTIPLE DOCKING ADAPTERS
SKYLAB PROGRAM
SPACE STATIONS

SAUDI ARABIA
1305
GS NATIONS
#SAUDI ARABIA
RT ASIA
SAUDI ARABIAN SPACE PROGRAM

SAUDI ARABIAN SPACE PROGRAM
3409 3009
GS PROGRAMS
.SPACE PROGRAMS
.#SAUDI ARABIAN SPACE PROGRAM
RT ARABSAT
ARCOMSAT
SAUDI ARABIA
SPACE SHUTTLE MISSION 51-G

SAVAGE AIRCRAFT
USE A-2 AIRCRAFT

SAVANNAH NUCLEAR SHIP
2201 2202 3401
GS SURFACE VEHICLES
.CARGO SHIPS
.#SAVANNAH NUCLEAR SHIP
.NUCLEAR POWERED SHIPS
.#SAVANNAH NUCLEAR SHIP
WATER VEHICLES
.SHIPS
..CARGO SHIPS
..#SAVANNAH NUCLEAR SHIP
..NUCLEAR POWERED SHIPS
..#SAVANNAH NUCLEAR SHIP
RT MARINE PROPULSION
NUCLEAR PROPULSION

SAVANNAHS
USE GRASSLANDS

SAWS
1504
GS CUTTERS
#SAWS
TOOLS
#SAWS
RT MACHINE TOOLS
SHEARS

SAWTOOTH WAVEFORMS
0702 0710 1002 1202 2311
GS WAVEFORMS
#SAWTOOTH WAVEFORMS
RT PULSE AMPLITUDE
PULSE DURATION
SQUARE WAVES

SC-1 AIRCRAFT
0201
UF SHORT SC-1 AIRCRAFT
GS JET AIRCRAFT
#SC-1 AIRCRAFT
MONOPLANES
#SC-1 AIRCRAFT
RESEARCH AIRCRAFT
#SC-1 AIRCRAFT
TAILLESS AIRCRAFT
#SC-1 AIRCRAFT
V/STOL AIRCRAFT
.VERTICAL TAKEOFF AIRCRAFT
.#SC-1 AIRCRAFT
RT % AIRCRAFT

SC-5 AIRCRAFT
0201
UF BELFAST AIRCRAFT
SHORT BELFAST C MK-1 AIRCRAFT
SHORT SC-5 AIRCRAFT
GS JET AIRCRAFT
.TURBOPROP AIRCRAFT
.#SC-5 AIRCRAFT
MONOPLANES
#SC-5 AIRCRAFT
TRANSPORT AIRCRAFT
#SC-5 AIRCRAFT
RT % AIRCRAFT

SC-7 AIRCRAFT
0201
UF SHORT SC-7 AIRCRAFT
SKYVAN AIRCRAFT
TURBO-SKYVAN AIRCRAFT
GS LIGHT AIRCRAFT
#SC-7 AIRCRAFT
MONOPLANES
#SC-7 AIRCRAFT
TRANSPORT AIRCRAFT
#SC-7 AIRCRAFT
RT % AIRCRAFT
CARGO AIRCRAFT
PASSENGER AIRCRAFT

SCALAR MAGNETIC CHARGE
USE MAGNETIC CHARGE DENSITY

SCALARS
1902 2311
RT TENSOR ANALYSIS
TENSORS

% SCALE
1406 1408 1702 1902 3501
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT SCALE (CORROSION)

```
        SCALE (RATIO)
        TEMPERATURE SCALES
        WEIGHT INDICATORS

SCALE (CORROSION)
  1702
  GS    CORROSION
        #SCALE (CORROSION)
  RT    CHEMICAL ATTACK
        DEGRADATION
        DESCALING
        HOT CORROSION
        PICKLING (METALLURGY)
        RUSTING
      % SCALE
      % SCALING

SCALE (RATIO)
  1902
  GS    RATIOS
        #SCALE (RATIO)
  RT    MAPPING
        RETICLES
      % SCALE

SCALE EFFECT
  1202 1203
  RT % EFFECTS
        FORCE DISTRIBUTION
        PARAMETERIZATION
        REYNOLDS NUMBER
      % SCALING

SCALE HEIGHT
  1301 1302 1408
  GS    DIMENSIONS
        .HEIGHT
        .#SCALE HEIGHT
  RT    EARTH ATMOSPHERE
        GEOPOTENTIAL HEIGHT
        HEAD (FLUID MECHANICS)

SCALE MODELS
  0101 0201 3009
  GS    MODELS
        #SCALE MODELS
  RT    AERODYNAMIC CONFIGURATIONS
        AIRCRAFT MODELS
        REYNOLDS EQUATION
        SCALING LAWS
        SEMISPAN MODELS
        SIMILARITY THEOREM
        SIMILITUDE LAW
        SPACECRAFT MODELS
        WIND TUNNEL MODELS

SCALERS
  0801 0902 0905 1409 3110
  GS    CIRCUITS
        .COUNTING CIRCUITS
        .#SCALERS
  RT    TENSOR ANALYSIS

% SCALING
  0802 1303 1406 3501
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    CALIBRATING
        ERRORS
        SCALE (CORROSION)
        SCALE EFFECT
        SCALING LAWS

SCALING LAWS
  1902 3203
  GS    LAWS
        #SCALING LAWS
  RT    DIMENSIONAL ANALYSIS
        DIMENSIONLESS NUMBERS
        SCALE MODELS
      % SCALING
        SIMILARITY NUMBERS
        WIND TUNNEL CALIBRATION

SCALLOPING
  3407
  RT    EDGES
        ELECTRON BEAMS
        TRAVELING WAVE TUBES

SCANDINAVIA
  1305
  RT    DENMARK
        FINLAND
        NORWAY
        SWEDEN

SCANDIUM
  1703
  GS    CHEMICAL ELEMENTS
        .RARE EARTH ELEMENTS
        .#SCANDIUM
        ...SCANDIUM ISOTOPES
        METALS
        .RARE EARTH ELEMENTS
        .#SCANDIUM
        ...SCANDIUM ISOTOPES
        .TRANSITION METALS
        .#SCANDIUM
        ...SCANDIUM ISOTOPES

SCANDIUM COMPOUNDS
  0603 1804
  GS    RARE EARTH COMPOUNDS
        #SCANDIUM COMPOUNDS
        ..SCANDIUM OXIDES
  RT  % CHEMICAL COMPOUNDS
      % GROUP 3B COMPOUNDS
      % METAL COMPOUNDS

SCANDIUM ISOTOPES
  1703 2406
  UF    SCANDIUM 46
  GS    CHEMICAL ELEMENTS
        .NUCLIDES
        ..ISOTOPES
        ..#SCANDIUM ISOTOPES
        .RARE EARTH ELEMENTS
        ..SCANDIUM
        ..#SCANDIUM ISOTOPES
        METALS
        .RARE EARTH ELEMENTS
        ..SCANDIUM
        ..#SCANDIUM ISOTOPES
        .TRANSITION METALS
        ..SCANDIUM
        ..#SCANDIUM ISOTOPES

SCANDIUM OXIDES
  0603 1804
  GS    CHALCOGENIDES
        .OXIDES
        ..METAL OXIDES
        ..#SCANDIUM OXIDES
        RARE EARTH COMPOUNDS
        .SCANDIUM COMPOUNDS
        .#SCANDIUM OXIDES

SCANDIUM 46
  USE   SCANDIUM ISOTOPES

SCANNER PROJECT
  3409
  GS    PROGRAMS
        .PROJECTS
        .#SCANNER PROJECT
  RT    HORIZON SCANNERS
        INFRARED SCANNERS
        OPTICAL EQUIPMENT

SCANNERS
  0705 0801 0901 0905 1404 1409
  UF    SCANNING DEVICES
  GS   #SCANNERS
```

.COASTAL ZONE COLOR SCANNER
.HORIZON SCANNERS
.INFRARED SCANNERS
.OCEAN COLOR SCANNER
.OPTICAL SCANNERS
..FLYING SPOT SCANNERS
..MULTISPECTRAL BAND SCANNERS
...THEMATIC MAPPERS (LANDSAT)
.ULTRASONIC SCANNERS
RT CONICAL SCANNING
OPTICAL DATA PROCESSING
OPTICAL EQUIPMENT
PANORAMIC SCANNING
READING
SCANNING
SUBREFLECTORS

SCANNING
0705 0802 3407
GS #SCANNING
.CONICAL SCANNING
.FREQUENCY SCANNING
.PANORAMIC SCANNING
.RADAR SCANNING
.RASTER SCANNING
RT EARTH RESOURCES
EROS (SATELLITES)
EXAMINATION
MONITORS
MULTISPECTRAL BAND SCANNERS
RAPID BALLISTICS IDENTIFICATION
READING
SCANNERS
SEARCHING
SURVEILLANCE
ULTRASONIC SCANNERS

SCANNING DEVICES
USE SCANNERS

SCANNING ELECTRON MICROSCOPY
1406
UF SEM (MICROSCOPY)
GS MICROSCOPY
.ELECTRON MICROSCOPY
.#SCANNING ELECTRON MICROSCOPY
RT ELECTRON BEAMS
ELECTRON MICROSCOPES
FIELD EMISSION
ION MICROSCOPES
MAGNETIC LENSES
MICROANALYSIS
PHASE CONTRAST
SECONDARY EMISSION

SCANNING LASER ACOUSTIC MICROSCOPE (SLAM)
USE ACOUSTIC MICROSCOPES

SCANNING TUNNELING MICROSCOPY
1406
GS MICROSCOPY
.ELECTRON MICROSCOPY
.#SCANNING TUNNELING MICROSCOPY
RT ELECTRON MICROSCOPES
ELECTRON TUNNELING
TRANSMISSION ELECTRON MICROSCOPY

SCAPULA
0404 0405
GS ANATOMY
.MUSCULOSKELETAL SYSTEM
..BONES
..#SCAPULA
RT ARM (ANATOMY)
SHOULDERS

SCAR PROGRAM
USE SUPERSONIC CRUISE AIRCRAFT RESEARCH

SCARFING
0603 1504 1704
GS CUTTING
#SCARFING
RT CLEANING
GRINDING (MATERIAL REMOVAL)
METAL CUTTING
SLICING

SCARPS
USE ESCARPMENTS

SCARS
0404
GS TISSUES (BIOLOGY)
#SCARS

SCARS (GEOLOGY)
USE EROSION

SCAT
USE SUPERSONIC COMMERCIAL AIR TRANSPORT

SCATHA SATELLITE
3107
UF P78-2 SATELLITE
SPACECRAFT CHARGING AT HIGH ALTITUDE
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
.#SCATHA SATELLITE

RT % CHARGING
ELECTRIC CHARGE
ELECTROMAGNETIC INTERFERENCE
ELECTROSTATIC CHARGE
ELECTROSTATIC PROBES
ELECTROSTATIC SHIELDING
HIGH ENERGY ELECTRONS

SCATTER PLATES (OPTICS)
0602
GS OPTICAL EQUIPMENT
#SCATTER PLATES (OPTICS)
RT BEAM SPLITTERS
COHERENT LIGHT
HOLOGRAPHIC INTERFEROMETRY
HOLOGRAPHY
INTERFEROMETRY
LIGHT SCATTERING
% OPTICS
% PLATES
SPECKLE HOLOGRAPHY
SPECKLE INTERFEROMETRY

SCATTER PROPAGATION
0710 2309 2402
GS TRANSMISSION
.ELECTROMAGNETIC WAVE TRANSMISSION
.#SCATTER PROPAGATION
...IONOSPHERIC F-SCATTER PROPAGATION
.WAVE PROPAGATION
.#SCATTER PROPAGATION
...IONOSPHERIC F-SCATTER PROPAGATION
RT BACKSCATTERING
FORWARD SCATTERING
IONOSPHERIC PROPAGATION
METEOR TRAILS
RADIO RECEPTION
RADIO SCATTERING
RADIO TRANSMISSION
RADIO WAVES

SCATTERERS
USE SCATTERING

SCATTERING
0710 2301 2310 2311 3407
UF SCATTERERS
GS #SCATTERING
.BACKSCATTERING
.COHERENT SCATTERING
.COMPTON EFFECT
.ELASTIC SCATTERING
.ELECTRON SCATTERING

..ELECTRON RUNAWAY (PLASMA PHYSICS)
.FORWARD SCATTERING
.INCOHERENT SCATTERING
.INELASTIC SCATTERING
.INVERSE SCATTERING
.ION SCATTERING
.NUCLEAR SCATTERING
..NEUTRON SCATTERING
..RESONANCE SCATTERING
.NUCLEON-NUCLEON SCATTERING
.PROTON SCATTERING
.RADAR SCATTERING
.WAVE SCATTERING
..ACOUSTIC SCATTERING
...REVERBERATION
..ATMOSPHERIC SCATTERING
...TROPOSPHERIC SCATTERING
..ELECTROMAGNETIC SCATTERING
...IONOSPHERIC F-SCATTER
PROPAGATION
...LIGHT SCATTERING
....HALOS
...MICROWAVE SCATTERING
...MIE SCATTERING
....RAYLEIGH SCATTERING
...RAMAN SPECTRA
...THOMSON SCATTERING
...X RAY SCATTERING
RT ATOMIC COLLISIONS
BISTATIC REFLECTIVITY
CIRCUMSOLAR RADIATION
COLLISION PARAMETERS
COLLISIONS
DEEP SCATTERING LAYERS
DEFLECTION
DIFFUSION
DISPERSING
ELECTROMAGNETIC RADIATION
ENCOUNTERS
HUYGENS PRINCIPLE
IMPINGEMENT
INCIDENT RADIATION
INELASTIC COLLISIONS
MEAN FREE PATH
PARTICLE COLLISIONS
POMERONS
REFLECTION
RELEASING
SCATTEROMETERS
SHOCK WAVE INTERACTION
SPREAD REFLECTION
SPREADING
SPRINKLING
STATISTICAL DISTRIBUTIONS
TRANSMITTANCE
WAVE DEGRADATION
WAVE DISPERSION
WAVE INTERACTION

SCATTERING AMPLITUDE
0710 1002 2309 2402
GS AMPLITUDES
#SCATTERING AMPLITUDE
RT FADDEEV EQUATIONS
MANDELSTAM REPRESENTATION
WAVE SCATTERING

SCATTERING COEFFICIENTS
0710 1406 2306 2309 2402 3501
GS COEFFICIENTS
#SCATTERING COEFFICIENTS
RT ABSORPTIVITY
ATTENUATION COEFFICIENTS
FORM FACTORS

SCATTERING CROSS SECTIONS
0710 2306 2309 2402
RT ABSORPTION CROSS SECTIONS
BARYON RESONANCE
BORN APPROXIMATION
% CROSS SECTIONS
ELECTRON RUNAWAY (PLASMA PHYSICS)
IONIZATION CROSS SECTIONS
NEUTRON CROSS SECTIONS
POMERANCHUK THEOREM
POMERONS
RAMSAUER EFFECT
REGGE POLES
S MATRIX THEORY
STOPPING POWER

SCATTERING FUNCTIONS
0710 1406 2306 2309 2402 3501
RT FLUX DENSITY
% FUNCTIONS
RADIANT FLUX DENSITY

SCATTERING MATRIX
USE S MATRIX THEORY

SCATTEROMETERS
0710 2309 2402
GS MEASURING INSTRUMENTS
#SCATTEROMETERS
RT % INSTRUMENTS
MICROWAVE SCATTERING
MICROWAVES
RADAR
RADAR SCATTERING
SCATTERING
WAVE SCATTERING

SCAVENGING
0403 0411 0602 0603 3404
RT CLEANING
DEGASSING
DEOXIDIZING
PURIFICATION

SCCF
USE SOLAR CELL CALIBRATION FACILITY

SCENE ANALYSIS
0802 2306 2310 2402
GS DATA PROCESSING
.OPTICAL DATA PROCESSING
.#SCENE ANALYSIS
RT CHANGE DETECTION
CHARACTER RECOGNITION
EDGE DETECTION
FEATURE IDENTIFICATION AND
LOCATION EXPER
IMAGE ANALYSIS
IMAGERY
IMAGING TECHNIQUES
OPTICAL FLOW (IMAGE ANALYSIS)
VIDEO LANDMARK ACQUISITION AND
TRACKING

SCENEDESMUS
0407 0409
GS PLANTS (BOTANY)
.ALGAE
.#SCENEDESMUS

SCF
USE SELF CONSISTENT FIELDS

SCHACH EFFECT
1901
RT CELESTIAL MECHANICS
% EFFECTS
ORBIT PERTURBATION
PERTURBATION
SATELLITE PERTURBATION

SCHAUDER FIXPOINT THEOREM
1902
GS THEOREMS
#SCHAUDER FIXPOINT THEOREM
RT COMPLEX VARIABLES
DIFFERENTIAL EQUATIONS

SCHEDULES
3406 3409 4001

GS #SCHEDULES
.COUNTDOWN
RT CONTRACT MANAGEMENT
PRECISION
PREDICTIONS
PRODUCTION PLANNING
TIME
TIME LAG
TURNAROUND (STS)

SCHEDULING
3406 3407 4001
GS #SCHEDULING
.PREDICTION ANALYSIS TECHNIQUES
RT CALENDARS
CONSECUTIVE EVENTS
CONTINUITY
% CONTROL
CROP CALENDARS
DECISION THEORY
FORECASTING
FORMALISM
LATENESS
MATHEMATICAL MODELS
MATRIX MANAGEMENT
MISSION PLANNING
OPTIMIZATION
PRODUCTION ENGINEERING
QUALITY CONTROL
SEQUENCING
TASK COMPLEXITY
TASK PLANNING (ROBOTICS)
TASKS
TIME SERIES ANALYSIS

SCHEELITE
1806
GS CALCIUM COMPOUNDS
#SCHEELITE
CHALCOGENIDES
.OXIDES
..METAL OXIDES
...TUNGSTEN OXIDES
...#SCHEELITE
MINERALS
#SCHEELITE
TUNGSTEN COMPOUNDS
.TUNGSTEN OXIDES
.#SCHEELITE

SCHELKUNOFF PRINCIPLE
0901 1002 2402
RT ANTENNA RADIATION PATTERNS
HORN ANTENNAS
HUYGENS PRINCIPLE
REFLECTOMETERS
REFLECTORS

SCHEMATICS
USE CIRCUIT DIAGRAMS

SCHIFF BASES
USE IMINES

SCHIST
1305 1805 1806
GS ROCKS
#SCHIST
RT LIMESTONE
SANDSTONES

SCHIZOPHRENIA
0408 0410
GS PSYCHOSES
#SCHIZOPHRENIA
RT % DEPRESSION
IRRATIONALITY
MENTAL HEALTH

SCHLEICHER AIRCRAFT
0201
RT % AIRCRAFT
GLIDERS

SCHLEICHER KA-6 SAILPLANE
USE KA-6 SAILPLANES

SCHLIEREN PHOTOGRAPHY
1201 1202 1203 1407 2310 3501
GS IMAGERY
.SHADOWGRAPH PHOTOGRAPHY
.#SCHLIEREN PHOTOGRAPHY
PHOTOGRAPHY
.SHADOWGRAPH PHOTOGRAPHY
.#SCHLIEREN PHOTOGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY
DIFFERENTIAL INTERFEROMETRY
FLOW VISUALIZATION
MACH-ZEHNDER INTERFEROMETERS
MOIRE EFFECTS

SCHMIDT CAMERAS
1412 2310 3009
GS OPTICAL EQUIPMENT
.CAMERAS
.#SCHMIDT CAMERAS
PHOTOGRAPHIC EQUIPMENT
.CAMERAS
.#SCHMIDT CAMERAS
RT ASTRONOMICAL PHOTOGRAPHY
BAKER-NUNN CAMERA
TELESCOPES

SCHMIDT METHOD
1902
RT DIFFERENTIAL EQUATIONS
INTEGRAL EQUATIONS
% METHODOLOGY
REAL VARIABLES

SCHMIDT NUMBER
1902
GS RATIOS
.DIMENSIONLESS NUMBERS
.#SCHMIDT NUMBER
RT NUSSELT NUMBER
PRANDTL NUMBER

SCHMIDT TELESCOPES
1412 3001
GS TELESCOPES
#SCHMIDT TELESCOPES
RT REFLECTING TELESCOPES

SCHOOLS
0502 3406
RT EDUCATION
INSTRUCTORS
TRAINING EVALUATION
UNIVERSITIES

SCHOOLS (FISH)
0402 1310
GS ANIMALS
.VERTEBRATES
..FISHES
..#SCHOOLS (FISH)
RT FISHING
ICHTHYOLOGY

SCHOTTKY BARRIER DIODES
USE SCHOTTKY DIODES

SCHOTTKY DIODES
0903 0906
UF SCHOTTKY BARRIER DIODES
GS ELECTRONIC EQUIPMENT
.DIODES
..SEMICONDUCTOR DIODES
..#SCHOTTKY DIODES
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
..#SCHOTTKY DIODES
RT % BARRIERS
BARRITT DIODES

GALLIUM ARSENIDES
MSM (SEMICONDUCTORS)
N-TYPE SEMICONDUCTORS
SEMICONDUCTOR JUNCTIONS
SILICON
SIS (SEMICONDUCTORS)
WORK FUNCTIONS
ZINC SELENIDES

SCHOTTKY EFFECT
USE WORK FUNCTIONS

SCHREIBERSITE
1806 3005
GS IRON COMPOUNDS
#SCHREIBERSITE
MINERALS
#SCHREIBERSITE
NICKEL COMPOUNDS
#SCHREIBERSITE
PHOSPHORUS COMPOUNDS
.PHOSPHIDES
.#SCHREIBERSITE
RT IRON METEORITES
METEORITIC COMPOSITION
STONY METEORITES

SCHROEDINGER EQUATION
1902 2309 2402
GS WAVE EQUATIONS
#SCHROEDINGER EQUATION
RT % EQUATIONS
WENTZEL-KRAMER-BRILLOUIN METHOD

SCHULER TUNING
0101 1403 2102 2308
GS TUNING
#SCHULER TUNING
RT GYROSCOPIC PENDULUMS
GYROSCOPIC STABILITY
INERTIAL NAVIGATION

SCHUMANN-RUNGE BANDS
1411 2402
GS SPECTRA
.SPECTRAL BANDS
.#SCHUMANN-RUNGE BANDS
RT ABSORPTION SPECTRA
% BANDS
EMISSION SPECTRA
HERZBERG BANDS
OXYGEN
QUANTUM THEORY

SCHWARTZ INEQUALITY
1902
GS INEQUALITIES
#SCHWARTZ INEQUALITY
RT ALGEBRA
LINEAR TRANSFORMATIONS
VECTORS (MATHEMATICS)

SCHWARTZ METHOD
1902 3501
GS ANALYSIS (MATHEMATICS)
.NUMERICAL ANALYSIS
..APPROXIMATION
..#SCHWARTZ METHOD
STRESS ANALYSIS
#SCHWARTZ METHOD
RT % METHODOLOGY

SCHWARZ-CHRISTOFFEL TRANSFORMATION
1902
GS ANALYSIS (MATHEMATICS)
.COMPLEX VARIABLES
.#SCHWARZ-CHRISTOFFEL
TRANSFORMATION
FUNCTIONS (MATHEMATICS)
#SCHWARZ-CHRISTOFFEL TRANSFORMATION
RT CONFORMAL MAPPING

SCHWARZSCHILD ANTENNAS
0701 0705 0901 0904
GS ANTENNAS
#SCHWARZSCHILD ANTENNAS
RT HORNS
PARABOLIC REFLECTORS
RADAR ANTENNAS
RADIO ANTENNAS

SCHWARZSCHILD METRIC
2307 2402 3001
RT BIMETRIC THEORIES
COORDINATE TRANSFORMATIONS
ESCAPE VELOCITY
EVENT HORIZON
GRAVITATIONAL FIELDS
IONIZATION
LIGHT SPEED
ORBITALS
ORBITS
RELATIVITY

SCHWASSMANN-WACHMANN COMET
3001 3005
GS CELESTIAL BODIES
.COMETS
.#SCHWASSMANN-WACHMANN COMET
RT SOLAR SYSTEM

SCIATIC REGION
0404
GS ANATOMY
#SCIATIC REGION
REGIONS
#SCIATIC REGION
RT HUMAN BODY
LUMBAR REGION
MUSCULOSKELETAL SYSTEM
NERVES
SPINE

% SCIENCE
3406
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ACOUSTICS
AEROACOUSTICS
AERODYNAMICS
% AERONAUTICS
AEROSPACE MEDICINE
AEROTHERMODYNAMICS
ALGEBRA
ANTHROPOLOGY
ASTRODYNAMICS
ASTRONOMY
ASTROPHYSICS
ATMOSPHERIC PHYSICS
ATOMIC PHYSICS
BIOACOUSTICS
BIOASTRONAUTICS
BIODYNAMICS
% BIOLOGY
BIOPHYSICS
BOTANY
CLOUD PHYSICS
COMBUSTION PHYSICS
COMPUTATIONAL ASTROPHYSICS
ELECTROPHYSICS
ELECTROPHYSIOLOGY
ENTOMOLOGY
FLUID DYNAMICS
FLUID MECHANICS
GEOLOGY
GEOMETRY
GEOPHYSICS
HEALTH PHYSICS
HELIOSEISMOLOGY
HYDROGEOLOGY
HYDROMECHANICS
LIFE SCIENCES
LOW TEMPERATURE PHYSICS
MARINE BIOLOGY

MARINE CHEMISTRY
MARINE METEOROLOGY
% MATERIALS SCIENCE
% MATHEMATICS
% MECHANICS (PHYSICS)
MEDICAL SCIENCE
% METALLURGY
METEOROLOGY
% MOLECULAR PHYSICS
NEUROPHYSIOLOGY
NEUTRON PHYSICS
NUCLEAR PHYSICS
OCEANOGRAPHY
% OPTICS
% PHYSICAL SCIENCES
% PHYSICS
PHYSIOCHEMISTRY
PHYSIOLOGY
PLASMA PHYSICS
POLYMER PHYSICS
PSYCHOPHYSICS
PSYCHOPHYSIOLOGY
RADIO ASTRONOMY
RADIO PHYSICS
REACTOR PHYSICS
REENTRY PHYSICS
RESPIRATORY PHYSIOLOGY
SEISMOLOGY
SOLAR DIAMETER
SOLAR PHYSICS
SOLID MECHANICS
% SOLID STATE PHYSICS
STELLAR PHYSICS
SUNRISE
SUNSET
TAXONOMY
THEORETICAL PHYSICS
TRIGONOMETRY
UNDERWATER PHYSIOLOGY
% ZOOLOGY

SCIENTIFIC INSTRUMENT MODULES
USE SIM

SCIENTIFIC SATELLITES
3107
GS ARTIFICIAL SATELLITES
#SCIENTIFIC SATELLITES
..AMPTE (SATELLITES)
..ASTRONOMICAL SATELLITES
...GAMMA RAY OBSERVATORY
...GINGA SATELLITE
...HUBBLE SPACE TELESCOPE
...LARGE DEPLOYABLE REFLECTOR FACILITY
...TENMA SATELLITE
...X RAY ASTROPHYSICS FACILITY
..ATS
...ATS 1
...ATS 2
...ATS 3
...ATS 4
...ATS 5
...ATS 6
...ATS 7
...ATS 8
..AZUR SATELLITE
..CANNONBALL 2 SATELLITE
..CRRES (SATELLITE)
..DIAL SATELLITE
..ENVIRONMENTAL RESEARCH SATELLITES
...ERS 17
...ERS 18
...INTASAT SATELLITE
..EXOS SATELLITES
...EXOS-A SATELLITE
...EXOS-B SATELLITE
...EXOS-C SATELLITE
...EXOS-D SATELLITE
..EXOSAT SATELLITE
..EXPLORER SATELLITES
...APPLICATIONS EXPLORER SATELLITES
...COSMIC BACKGROUND EXPLORER SATELLITE
...DUAL AIR DENSITY EXPLORER
...DYNAMICS EXPLORER SATELLITES
....DYNAMICS EXPLORER 1 SATELLITE
....DYNAMICS EXPLORER 2 SATELLITE
...EXPLORER 1 SATELLITE
...EXPLORER 2 SATELLITE
...EXPLORER 3 SATELLITE
...EXPLORER 4 SATELLITE
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...EXPLORER 52 SATELLITE
...EXPLORER 53 SATELLITE
...EXPLORER 54 SATELLITE
...EXPLORER 55 SATELLITE
...EXTREME ULTRAVIOLET EXPLORER SATELLITE
...FAR UV SPECTROSCOPIC EXPLORER
...IMP
...INTERNATIONAL MAGNETOSPHERIC EXPLORER
...INTERNATIONAL SUN EARTH EXPLORERS
....INTERNATIONAL SUN EARTH EXPLORER 1
....INTERNATIONAL SUN EARTH EXPLORER 2
....INTERNATIONAL SUN EARTH EXPLORER 3
...MICROMETEOROID EXPLORER SATELLITES
...RADIO ASTRONOMY EXPLORER SATELLITE
...SOLAR MESOSPHERE EXPLORER
...UHURU SATELLITE
...X RAY TIMING EXPLORER
..GEOPOTENTIAL RESEARCH MISSION
..HAWKEYE SATELLITES

..LONG DURATION EXPOSURE FACILITY
..LZEEBE SATELLITE
..MAGSAT SATELLITES
...MAGSAT A SATELLITE
...MAGSAT B SATELLITE
...MAGSAT 1 SATELLITE
..ORBIS
...ORBIS CAL SATELLITE
..OV-1 SATELLITES
..OV-2 SATELLITES
..OV-3 SATELLITES
..OV-4 SATELLITES
..OV-5 SATELLITES
..SCATHA SATELLITE
..SMALL SCIENTIFIC SATELLITES
..UK SATELLITES
...UK 4 SATELLITE
..UPPER ATMOSPHERE RESEARCH SATELLITE (UARS)
RT CANADIAN SPACE PROGRAM
CLUSTER MISSION
ESRO 4 SATELLITE
SOHO MISSION
TECHNOLOGY FEASIBILITY SPACECRAFT

SCIENTIFIC VISUALIZATION
9001
UF DATA VISUALIZATION
RT COMPUTER GRAPHICS
COMPUTERIZED SIMULATION
DISPLAY DEVICES
IMAGE PROCESSING
NUMERICAL FLOW VISUALIZATION
SOFTWARE TOOLS

SCIENTISTS
3404
GS MANPOWER
#SCIENTISTS
PERSONNEL
#SCIENTISTS
RT AWARDS
ENGINEERS

SCIMITAR AIRCRAFT
0207
UF VICKERS SCIMITAR AIRCRAFT
GS ATTACK AIRCRAFT
.FIGHTER AIRCRAFT
.#SCIMITAR AIRCRAFT
BAC AIRCRAFT
#SCIMITAR AIRCRAFT
JET AIRCRAFT
#SCIMITAR AIRCRAFT
MONOPLANES
#SCIMITAR AIRCRAFT
RT % AIRCRAFT

SCINTILLATING FIBERS
0702 2310
UF SCINTILLATION FIBERS
GS FIBERS
.OPTICAL FIBERS
.#SCINTILLATING FIBERS
RT CALORIMETERS
COSMIC RAYS
FIBER OPTICS
GAMMA RAY SPECTROMETERS
GAMMA RAY TELESCOPES
GAMMA RAYS
HODOSCOPES
PHOTOMULTIPLIER TUBES
RADIATION COUNTERS
SCINTILLATION
SCINTILLATION COUNTERS

SCINTILLATION
0605 0705 2203 3001 3407
RT GLINT
PHOSPHORESCENCE
SCINTILLATING FIBERS
SEEING (ASTRONOMY)

SCINTILLATION COUNTERS
0905 1409 2402 2903 3009
UF SCINTILLATORS
SCINTILLOMETERS
GS MEASURING INSTRUMENTS
.COUNTERS
..RADIATION COUNTERS
..#SCINTILLATION COUNTERS
.RADIATION MEASURING INSTRUMENTS
..RADIATION COUNTERS
..#SCINTILLATION COUNTERS
RT CERENKOV COUNTERS
NEUTRON COUNTERS
PARTICLE TELESCOPES
PHOTOMULTIPLIER TUBES
PHOTOPEAK
SCINTILLATING FIBERS

SCINTILLATION FIBERS
USE SCINTILLATING FIBERS

SCINTILLATORS
USE SCINTILLATION COUNTERS

SCINTILLOMETERS
USE SCINTILLATION COUNTERS

SCISSION
USE CLEAVAGE

SCOOPS
0101 0102 0202 1502 1504 2806
RT AIR INTAKES
CONVEYORS
DUCTS
INTAKE SYSTEMS
NOSE INLETS
SIDE INLETS
% WATER INTAKES

SCOPOLAMINE
USE HYOSCINE

SCORE OMNIRANGE
USE SELF CALIBRATING OMNIRANGE

SCORE SATELLITE
0706 3107
GS ARTIFICIAL SATELLITES
#SCORE SATELLITE

SCORING
1905 3407
UF SCRIBING
RT ABRASION
DEFECTS
FRICTION
PITTING
WEAR

SCORPIO CONSTELLATION
USE SCORPIUS CONSTELLATION

SCORPIUS CONSTELLATION
3001
UF SCORPIO CONSTELLATION
GS CONSTELLATIONS
#SCORPIUS CONSTELLATION
RT ZODIAC

SCOTCHLITE (TRADEMARK)
1805 2310 3404
RT MEMBRANE STRUCTURES
REFRACTORY MATERIALS

SCOTLAND
1305
GS NATIONS
.UNITED KINGDOM
.#SCOTLAND
RT EUROPE

```
SCOUT HELICOPTER
  USE  P-531 HELICOPTER

SCOUT LAUNCH VEHICLE
  3103
  GS   LAUNCH VEHICLES
       #SCOUT LAUNCH VEHICLE
       ROCKET VEHICLES
       .MULTISTAGE ROCKET VEHICLES
       .#SCOUT LAUNCH VEHICLE
  RT   ALGOL ENGINE
       EXPLORER 9 SATELLITE
       EXPLORER 16 SATELLITE
       EXPLORER 19 SATELLITE
       EXPLORER 20 SATELLITE
       EXPLORER 22 SATELLITE
       EXPLORER 23 SATELLITE
       EXPLORER 24 SATELLITE
       EXPLORER 25 SATELLITE
       EXPLORER 27 SATELLITE
       EXPLORER 30 SATELLITE
       EXPLORER 37 SATELLITE
       EXPLORER 39 SATELLITE
       EXPLORER 40 SATELLITE
       SAN MARCO SATELLITES
       SOLID PROPELLANT ROCKET ENGINES
       TX-354 ENGINE
       X-248 ENGINE
       X-254 ENGINE
       X-258 ENGINES
       X-259 ENGINE
       XM-33 ENGINE

SCOUT PROJECT
  3103 3409
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#SCOUT PROJECT
       .PROJECTS
       .#SCOUT PROJECT
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#SCOUT PROJECT
  RT % BOOSTERS
       EXPLORER SATELLITES
       LAUNCH VEHICLES

SCPC TRANSMISSION
  USE  SINGLE CHANNEL PER CARRIER
       TRANSMISSION

SCR (RECTIFIERS)
  USE  SILICON CONTROLLED RECTIFIERS

% SCRAM
  2202 2204
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   MISSILES
       SHUTDOWNS
       SUPERSONIC COMBUSTION RAMJET
       ENGINES

SCRAMBLING (COMMUNICATION)
  0702 0703 3401
  RT   INTELLIGIBILITY
       SECURITY
       SIGNAL DISTORTION
       SIGNAL ENCODING
       VOCODERS
       VOICE COMMUNICATION

SCRAMJET ENGINES
  USE  SUPERSONIC COMBUSTION RAMJET
       ENGINES

SCRAMJETS
  USE  SUPERSONIC COMBUSTION RAMJET
       ENGINES

SCRAP
  0505 0602 1502 1505 3404
  RT   CHIPS
       DEBRIS
       METAL PARTICLES
       WASTES

SCRAPERS
  1504
  RT   CUTTERS
       FILES (TOOLS)
       HONING
     % SEPARATION

SCREEN EFFECT
  2306 2310
  RT % COMA
       DIELECTRICS
       EARTH MAGNETOSPHERE
     % EFFECTS
       ELECTROMAGNETIC WAVE FILTERS
       ELECTROMAGNETIC WAVE TRANSMISSION
       ELECTRON GAS
       SEMICONDUCTORS (MATERIALS)
       WAVE PROPAGATION

% SCREENING
  1502 1504
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   FILTRATION
       FINES
       LOUVERS
       SELECTION
       WATER TREATMENT

% SCREENS
  0705 0905 1407 2306 2310
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CURTAINS
       DISPLAY DEVICES
       PROTECTORS
       SHIELDING
       SIZING SCREENS
       WIRE CLOTH

SCREW DISLOCATIONS
  3203
  GS   DEFECTS
       .CRYSTAL DEFECTS
       ..CRYSTAL DISLOCATIONS
       ..#SCREW DISLOCATIONS
       DISLOCATIONS (MATERIALS)
       .CRYSTAL DISLOCATIONS
       .#SCREW DISLOCATIONS
  RT   EDGE DISLOCATIONS

SCREW PINCH
  2501
  GS   PINCH EFFECT
       .PLASMA PINCH
       .#SCREW PINCH
  RT   MAGNETIC FIELDS
       MAGNETOHYDRODYNAMIC FLOW
       PLASMA CONTROL
       REVERSE FIELD PINCH
       THETA PINCH
       ZETA PINCH

SCREWS
  1504
  SN   (EXCLUDES PROPELLERS AND CRYSTAL
       DEFECTS)
  GS   FASTENERS
       #SCREWS
  RT   ANCHORS (FASTENERS)
       BOLTS
       COUPLINGS
       HOLDERS
       NUTS (FASTENERS)
```

STUDS (STRUCTURAL MEMBERS)
THREADS

SCRIBING
USE SCORING

SCRUBBERS
1502 1504
RT CLEANING
COLUMNS (PROCESS ENGINEERING)
FLUE GASES
WASHING

SCRUBBING
USE WASHING

SCRUBS (BOTANY)
USE BRUSH (BOTANY)

SCUTUM CONSTELLATION
3001
GS CONSTELLATIONS
#SCUTUM CONSTELLATION
RT ZODIAC

SCYLLA
2205
GS PLASMA GENERATORS
#SCYLLA
RT MAGNETIC FIELDS
MAGNETIC MIRRORS
MAGNETIC VARIATIONS
PLASMAS (PHYSICS)
THERMONUCLEAR REACTIONS

SDP (COMPUTERS)
USE SITE DATA PROCESSORS

SDS 900 SERIES COMPUTERS
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#SDS 900 SERIES COMPUTERS
....SDS 930 COMPUTER

SDS 930 COMPUTER
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
...SDS 900 SERIES COMPUTERS
...#SDS 930 COMPUTER

SDS 9300 COMPUTER
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#SDS 9300 COMPUTER

SDV
USE SHUTTLE DERIVED VEHICLES

SE-A
USE EXPLORER 30 SATELLITE

SE-210 AIRCRAFT
0204
UF CARAVELLE AIRCRAFT
SUD AVIATION SE-210 AIRCRAFT
GS COMMERCIAL AIRCRAFT
#SE-210 AIRCRAFT
JET AIRCRAFT
.TURBOFAN AIRCRAFT
.#SE-210 AIRCRAFT
MONOPLANES
#SE-210 AIRCRAFT
PASSENGER AIRCRAFT
#SE-210 AIRCRAFT
SUD AVIATION AIRCRAFT
#SE-210 AIRCRAFT
RT % AIRCRAFT

SE-3160 HELICOPTER
0206 0207
UF ALOUETTE 3 HELICOPTER
SUD AVIATION SE-3160 HELICOPTER
GS SUD AVIATION AIRCRAFT
.ALOUETTE HELICOPTERS
.#SE-3160 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...ALOUETTE HELICOPTERS
...#SE-3160 HELICOPTER

SEA BREEZE
2003
GS WIND (METEOROLOGY)
#SEA BREEZE
RT AEROLOGY
AIR CURRENTS
ATMOSPHERIC CIRCULATION
BAROTROPIC FLOW
CLIMATOLOGY
GEOSTROPHIC WIND
GUSTS
MARINE ENVIRONMENTS
METEOROLOGY
MONSOONS
OFFSHORE ENERGY SOURCES
TIDAL WAVES
WIND DIRECTION
WIND EFFECTS
WIND EROSION
WIND MEASUREMENT
WINDPOWER UTILIZATION
WINDS ALOFT

SEA FLOOR SPREADING
1306 1310
UF OCEAN FLOOR SPREADING
RT EARTH CRUST
EARTH MANTLE
EARTH MOVEMENTS
MID-OCEAN RIDGES
OCEAN BOTTOM
PLATES (TECTONICS)
TECTONICS
TERRADYNAMICS

SEA GRASSES
0404 1310
GS PLANTS (BOTANY)
.GRASSES
.#SEA GRASSES
RT MARINE BIOLOGY
OCEANOGRAPHY
SEAWEEDS
VEGETATION
WETLANDS

SEA ICE
0603 1310 1803 2003
UF ICE PACKS
GS ICE
#SEA ICE
..ICE FLOES
..ICEBERGS
..PRESSURE ICE
RT AIR SEA ICE INTERACTIONS
BAY ICE
FREEZING
GLACIAL DRIFT
GLACIERS
ICE ENVIRONMENTS
ICE FORMATION
ICE MAPPING
LAKE ICE
LAND ICE
NUNATAKS
OCEANOGRAPHY

SEA KEEPING

1403
RT ATTITUDE GYROS
DAMPING
GYROSCOPIC STABILITY
GYROSTABILIZERS
MOTION STABILITY
% STABILIZERS
TORQUERS

SEA KING HELICOPTER
USE SH-3 HELICOPTER

SEA KNIGHT HELICOPTER
USE CH-46 HELICOPTER

SEA LAUNCHING
1104 3102
GS LAUNCHING
#SEA LAUNCHING
RT ANTISHIP MISSILES
ANTISHIP WARFARE
BALLISTIC MISSILE SUBMARINES
CATAPULTS
DRYDOCKS
FLEET BALLISTIC MISSILES
MISSILE LAUNCHERS
POSEIDON MISSILES
ROCKET LAUNCHERS
TORPEDOES
WATER TAKEOFF AND LANDING AIRCRAFT

SEA LAW
3403
GS LAW (JURISPRUDENCE)
.INTERNATIONAL LAW
.#SEA LAW
RT % COOPERATION
INTERNATIONAL COOPERATION
RULES
UNITED NATIONS

SEA LEVEL
1305
GS ALTITUDE
#SEA LEVEL
RT OCEAN SURFACE
OCEANOGRAPHY
SEA STATES

SEA OF JAPAN
1305
GS SEAS
#SEA OF JAPAN
RT ASIA

SEA OF OKHOTSK
1305 1310
GS SEAS
#SEA OF OKHOTSK
RT PACIFIC OCEAN
U.S.S.R.

SEA ROUGHNESS
1310
GS ROUGHNESS
#SEA ROUGHNESS
RT HYDRODYNAMIC COEFFICIENTS
OCEAN MODELS
OCEAN SURFACE
OCEANOGRAPHY
SURFACE WAVES
TIDAL WAVES
TIDE POWERED GENERATORS
TIDE POWERED MACHINES
TIDEPOWER
TIDES
TURBULENCE
WATER CURRENTS
WATER WAVES
WATERWAVE ENERGY CONVERSION
WATERWAVE POWERED MACHINES
WIND EFFECTS
WIND VELOCITY

SEA STATES
1310
RT OCEAN MODELS
OCEAN SURFACE
OCEAN TEMPERATURE
OCEANOGRAPHIC PARAMETERS
OCEANOGRAPHY
SEA LEVEL
TOPEX
WATER CURRENTS
WATER WAVES
WIND EFFECTS

SEA SURFACE TEMPERATURE
GS OCEANOGRAPHIC PARAMETERS
.OCEAN TEMPERATURE
.#SEA SURFACE TEMPERATURE
TEMPERATURE
.WATER TEMPERATURE
..OCEAN TEMPERATURE
..#SEA SURFACE TEMPERATURE
RT AIR WATER INTERACTIONS
LAND SURFACE TEMPERATURE
OCEAN SURFACE
OCEANOGRAPHY
SURFACE TEMPERATURE

SEA TRUTH
1305
RT AERIAL PHOTOGRAPHY
COASTAL CURRENTS
IMAGERY
OCEAN SURFACE
OCEAN TEMPERATURE
PHOTOINTERPRETATION

SEA URCHINS
0402
GS ANIMALS
.INVERTEBRATES
.#SEA URCHINS

SEA WALLS
USE BREAKWATERS

SEA WATER
0404 0603 1310
GS WATER
#SEA WATER
RT BRINES
COASTAL WATER
FISHERIES
MARINE RESOURCES
NEARSHORE WATER
OCEAN SURFACE
OCEAN TEMPERATURE
OCEANOGRAPHY
RED TIDE
SALINITY
SEAWEEDS
THERMOCLINES
UNDERWATER PHOTOGRAPHY
UNDERWATER RESOURCES
WATER RESOURCES

SEAFARER PROJECT
0702
UF GLOBAL COMMUNICATIONS ANTENNA GRID (NAVY)
UNDERGROUND RADIO ANTENNA GRID (NAVY)
GS PROGRAMS
.PROJECTS
.#SEAFARER PROJECT
RT EXTREMELY LOW FREQUENCIES
RADIO TRANSMISSION
SUBMARINES
TELECOMMUNICATION
UNDERWATER COMMUNICATION

SEAHORSE HELICOPTER

USE UH-34 HELICOPTER

SEALANTS
USE SEALERS

SEALERS
0603 1501 1802
UF SEALANTS
RT ADHESIVES
COATINGS
DOPES
FILLERS
PACKAGING
PACKINGS (SEALS)
PAINTS
SEALING
SEALS (STOPPERS)
SEAMS (JOINTS)
SOLDERS
VARNISHES

SEALING
0303 0507 0603 1501 1504
GS #SEALING
.SELF SEALING
RT ADHESION
ADHESIVE BONDING
BINDING
BLOCKING
BLOWERS
BONDING
BRAZING
CAULKING
CEMENTS
CLAMPS
CLOSING
COATING
COATINGS
CONTAINMENT
COVERINGS
ENCAPSULATING
GLANDS (SEALS)
% JOINING
LINING PROCESSES
MOISTURE RESISTANCE
% PACKING
PACKINGS (SEALS)
PLUGGING
RETAINING
RIVETING
SEALERS
SOLDERING
SPRAYING
STOPPING
WATERPROOFING
WELDING

SEALS (ANIMALS)
0402
GS ANIMALS
.VERTEBRATES
..MAMMALS
...MARINE MAMMALS
...#SEALS (ANIMALS)
RT MARINE BIOLOGY

SEALS (STOPPERS)
1501
GS #SEALS (STOPPERS)
.BRUSH SEALS
.GASKETS
.GLANDS (SEALS)
.HERMETIC SEALS
.LABYRINTH SEALS
.O RING SEALS
.PACKINGS (SEALS)
.PLUGS
.PUMP SEALS
RT AIR LOCKS
BARRIER LAYERS
% BARRIERS
BLOCKING
% CAPS
CLOSURES
CONSTRICTIONS
CUFFS
PLUGGING
SEALERS
SPHERICAL CAPS
% TAPES
VALVES

SEAMOUNTS
1306
RT CONTINENTAL SHELVES
CREVASSES
% FAULTS
FOLDS (GEOLOGY)
ISLANDS
LANDFORMS
MID-OCEAN RIDGES
OCEAN BOTTOM
STRUCTURAL BASINS

SEAMS (JOINTS)
1507 3203
GS JOINTS (JUNCTIONS)
#SEAMS (JOINTS)
RT ADHESIVES
FILLETS
METAL JOINTS
SEALERS

SEAPLANES
0201 0203 1204
GS WATER TAKEOFF AND LANDING AIRCRAFT
#SEAPLANES
RT AMPHIBIOUS AIRCRAFT
AMPHIBIOUS VEHICLES
HULLS (STRUCTURES)
MONOPLANES

SEARCH AND RESCUE SATELLITE
USE SARSAT

SEARCH FOR EXTRATERRESTRIAL INTELLIGENCE
USE PROJECT SETI

SEARCH PROFILES
0802 3405
GS SEARCHING
#SEARCH PROFILES
RT DATA RETRIEVAL
INFORMATION RETRIEVAL
% PROFILES

SEARCH RADAR
0705 0709 3401
GS RADAR
#SEARCH RADAR
..NORTH AMERICAN SEARCH AND RANGING RADAR
..OVER-THE-HORIZON RADAR
RT AIRPORT SURFACE DETECTION EQUIPMENT
COHERENT RADAR
CONTINUOUS WAVE RADAR
PULSE RADAR
RADAR DETECTION
RADAR TRACKING
SATELLITE-BORNE RADAR
SIDE-LOOKING RADAR
SURVEILLANCE RADAR
TRACKING RADAR
TRADEX RADAR SYSTEM

SEARCHING
0705 0709 0802 0803 3405
GS #SEARCHING
.SEARCH PROFILES
RT CONICAL SCANNING
COSPAS
PANORAMIC SCANNING
RECONNAISSANCE
RETRIEVAL
SARSAT

```
        SCANNING
        SELECTION

SEARCHLIGHTS
  0203 0904 1101
  GS    LIGHTING EQUIPMENT
        .LUMINAIRES
        .#SEARCHLIGHTS
  RT    AIRPORT LIGHTS
        ARC LAMPS
        BEACONS
        PROJECTORS
        RUNWAY LIGHTS

SEAS
  1305
  GS   #SEAS
        .ARABIAN SEA
        .BALTIC SEA
        .BARENTS SEA
        .BEAUFORT SEA (NORTH AMERICA)
        .BERING SEA
        .BLACK SEA
        .CARIBBEAN SEA
        .CASPIAN SEA
        .CHUKCHI SEA
        .MEDITERRANEAN SEA
        ..ADRIATIC SEA
        .NORTH SEA
        .RED SEA
        .SALTON SEA (CA)
        .SEA OF JAPAN
        .SEA OF OKHOTSK
  RT    ARCHIPELAGOES
        COASTAL CURRENTS
        COASTS
        DEEP WATER
        EARTH HYDROSPHERE
        OCEAN TEMPERATURE
        OCEANOGRAPHY
        OCEANS
        SARGASSO SEA
        SEAWEEDS
        SHALLOW WATER
        SHOALS
        STRAITS
        THERMAL POLLUTION
        UNDERWATER PHOTOGRAPHY

SEASAT PROGRAM
  1305 1306 1309 3409
  GS    PROGRAMS
        .NASA PROGRAMS
        ..NASA SPACE PROGRAMS
        ...EARTH RESOURCES PROGRAM
        ....EARTH RESOURCES SURVEY PROGRAM
        ....#SEASAT PROGRAM
        .SPACE PROGRAMS
        ..NASA SPACE PROGRAMS
        ...EARTH RESOURCES PROGRAM
        ....EARTH RESOURCES SURVEY PROGRAM
        ....#SEASAT PROGRAM
  RT    LANDSAT SATELLITES
        OCEANOGRAPHY

SEASAT SATELLITES
  1305 1306 1308 3107 3410
  GS    ARTIFICIAL SATELLITES
        #SEASAT SATELLITES
        ..SEASAT 1
        ..SEASAT-B SATELLITE
  RT    LANDSAT SATELLITES
        NASA PROGRAMS
        OCEANOGRAPHY
        PROGRAMS
        SATELLITE ALTIMETRY
        SYNCHRONOUS EARTH OBSERVATORY
        SATELLITE

SEASAT 1
  1305 1306 1308 310( 3410
  GS    ARTIFICIAL SATELLITES
        .SEASAT SATELLITES
        .#SEASAT 1
  RT    LANDSAT SATELLITES
        OCEANOGRAPHY
        PROGRAMS
        SEASAT-B SATELLITE

SEASAT-B SATELLITE
  1305 1306 1308 3107 3410
  GS    ARTIFICIAL SATELLITES
        .SEASAT SATELLITES
        .#SEASAT-B SATELLITE
  RT    LANDSAT SATELLITES
        OCEANOGRAPHY
        PROGRAMS
        SEASAT 1

SEASONAL VARIATIONS
  USE   ANNUAL VARIATIONS

SEASONS
  2001 3001
  GS   #SEASONS
        .AUTUMN
        .SPRING (SEASON)
        .SUMMER
        .WINTER
  RT    ANNUAL VARIATIONS
        CLIMATOLOGY
        CROP CALENDARS
        EQUINOXES
        METEOROLOGY
        SOLAR POSITION
        SOLSTICES
        WEATHER
        WIND VARIATIONS

SEASPRITE HELICOPTER
  USE   UH-2 HELICOPTER

SEAT BELTS
  0203 0508
  GS    SAFETY DEVICES
        #SEAT BELTS
  RT %  BELTS
        HARNESSES
        SEATS

SEATS
  0203 0508
  UF    BENCHES
        CHAIRS
  GS   #SEATS
        .BARANY CHAIR
        .EJECTION SEATS
        ..FLYING EJECTION SEATS
  RT    COMFORT
        COUCHES
        CUSHIONS
        HARNESSES
     %  LOUNGES
        PILLOWS
        RIDING QUALITY
        SEAT BELTS
        SITTING POSITION

SEAWEEDS
  0404 1310
  UF    KELP
  RT    MARINE BIOLOGY
        OCEANOGRAPHY
        OCEANS
        SEA GRASSES
        SEA WATER
        SEAS

SEBACEOUS GLANDS
  0404 0405
  GS    ANATOMY
        .GLANDS (ANATOMY)
        .#SEBACEOUS GLANDS

SEBACIC ACID
```

0403 1808
GS ACIDS
.CARBOXYLIC ACIDS
..FATTY ACIDS
..#SEBACIC ACID
ORGANIC COMPOUNDS
.CARBOXYLIC ACIDS
..FATTY ACIDS
..#SEBACIC ACID

SECONDARY BATTERIES
USE STORAGE BATTERIES

SECONDARY COSMIC RAYS
2901
UF MOLIERE FORMULA
GS IONIZING RADIATION
.COSMIC RAYS
.#SECONDARY COSMIC RAYS
RT ATMOSPHERIC RADIATION
COSMIC RAY ALBEDO
COSMIC RAY SHOWERS
ELECTRON DECAY RATE
ELECTRON PHOTON CASCADES
ELECTRON PRECIPITATION
PRIMARY COSMIC RAYS
SINGLE EVENT UPSETS

SECONDARY EMISSION
2402 2403
GS EMISSION
.PARTICLE EMISSION
..ELECTRON EMISSION
..#SECONDARY EMISSION
RT DYNODES
ELECTRON IRRADIATION
FIELD EMISSION
MONOSCOPES
MULTIPACTOR DISCHARGES
PHOTOMULTIPLIER TUBES
SCANNING ELECTRON MICROSCOPY
TOWNSEND AVALANCHE

SECONDARY FLOW
1203 3501
GS FLUID FLOW
.VISCOUS FLOW
..BOUNDARY LAYER FLOW
..#SECONDARY FLOW
TRANSLATIONAL MOTION
.THREE DIMENSIONAL MOTION
..THREE DIMENSIONAL FLOW
..#SECONDARY FLOW
RT COMPRESSIBILITY EFFECTS
CORNER FLOW
THREE DIMENSIONAL BOUNDARY LAYER
VORTICES
VORTICITY

SECONDARY INJECTION
1202 2805 2808
GS INJECTION
#SECONDARY INJECTION
RT FLUID INJECTION
SHOCK WAVE CONTROL
SHOCK WAVE PROPAGATION
SUPERSONIC FLOW
THRUST AUGMENTATION
THRUST VECTOR CONTROL

SECONDARY ION MASS SPECTROMETRY
0601 1411 2306 2310
UF SIMS (SPECTROMETRY)
GS SPECTROSCOPY
#SECONDARY ION MASS SPECTROMETRY
RT MASS SPECTROMETERS

SECONDARY RADAR
0702 0705
GS RADAR
#SECONDARY RADAR
RT DISCRETE ADDRESS BEACON SYSTEM
INTERROGATION

SECONDARY WAVES
USE S WAVES

SECRETIONS
0404 0405 0408
GS #SECRETIONS
.ENDOCRINE SECRETIONS
..HORMONES
...CORTICOSTEROIDS
....ALDOSTERONE
....HYDROXYCORTICOSTEROID
.....CORTISONE
...ESTROGENS
...HYPERTENSIN
...PITUITARY HORMONES
....ADRENOCORTICOTROPIN (ACTH)
...PROSTAGLANDINS
...THYROXINE
..INSULIN
.SWEAT
RT BODY FLUIDS
GALL
GLANDS (ANATOMY)
HYDROGEN METABOLISM
METABOLISM
MINERAL METABOLISM
SKIN (ANATOMY)

% SECTIONS
0202 0404 0405 1102 1106 3110 3203
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CATEGORIES
CLASSES
SUBDIVISIONS
SUBSIDIARIES

% SECTORS
1902 3406
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AREA
CIRCLES (GEOMETRY)
REGIONS

SECULAR PERTURBATION
USE LONG TERM EFFECTS

SECULAR VARIATIONS
0401 0408 0507
GS VARIATIONS
.PERIODIC VARIATIONS
.#SECULAR VARIATIONS
RT ATMOSPHERIC PHYSICS
SOLAR ACTIVITY EFFECTS
SOLAR CYCLES
TELECONNECTIONS (METEOROLOGY)

SECURITY
3401 3405
GS #SECURITY
.AIRPORT SECURITY
.COMPUTER INFORMATION SECURITY
RT % CLASSIFYING
COMPUTER PROGRAM INTEGRITY
CRIME
INTEGRITY
POLICE
PRIVACY
SCRAMBLING (COMMUNICATION)
SELECTIVE DISSEMINATION OF
INFORMATION
VULNERABILITY

SEDATIVES
0403 0405 0408
GS DRUGS
#SEDATIVES
RT PENTOBARBITAL

PHENOBARBITAL
PSYCHOTROPIC DRUGS
TRANQUILIZERS

SEDIMENT TRANSPORT
1306 1310
RT MASS FLOW
MASS TRANSFER
SEDIMENTS

SEDIMENTARY ROCKS
1305 1306
GS ROCKS
#SEDIMENTARY ROCKS
..CARBONACEOUS ROCKS
...COAL
....ANTHRACITE
....LIGNITE
..LIMESTONE
..SANDSTONES
..SHALES
RT ALLUVIUM
BRECCIA
CLAYS
DOLOMITE (MINERAL)
GYPSUM
IGNEOUS ROCKS
% LAYERS
MONAZITE SANDS
PETROGRAPHY
SANDS
SEDIMENTS
SHATTER CONES
SOILS
STRATIGRAPHY

SEDIMENTS
0603 1306 1310
UF SILTS
GS #SEDIMENTS
.GRAVELS
.MUD
.SANDS
..MONAZITE SANDS
..TAR SANDS
RT ALLUVIUM
CLAYS
DEPOSITION
DEPOSITS
DREDGED MATERIALS
FANS (LANDFORMS)
GLACIAL DRIFT
GRIT
LITTORAL DRIFT
MARINE CHEMISTRY
OCEAN BOTTOM
PEAT
SEDIMENT TRANSPORT
SEDIMENTARY ROCKS
SEWAGE TREATMENT
SLUDGE

SEE (SOFTWARE ENGINEERING ENVIRONMENTS)
USE PROGRAMMING ENVIRONMENTS

SEEBECK COEFFICIENT
USE SEEBECK EFFECT

SEEBECK EFFECT
1001 1002 1704 2304 3304
UF SEEBECK COEFFICIENT
RT % EFFECTS
PELTIER EFFECTS
TEMPERATURE EFFECTS
THERMOCOUPLES
THERMODYNAMIC PROPERTIES
THERMOELECTRICITY
THERMOPHYSICAL PROPERTIES
TRANSPORT PROPERTIES

SEEDING (INOCULATION)
USE INOCULATION

SEEDS
0409
RT ALFALFA
BARLEY
CITRUS TREES
CORN
EMBRYOS
FARM CROPS
GRAINS (FOOD)
NUTS (FRUITS)
OATS
PLANTING
PLANTS (BOTANY)
SUGAR BEETS
SUGAR CANE
TOMATOES
UTRICLE
VEGETABLES
VIABILITY

SEEING (ASTRONOMY)
1301 1412 3001
UF ATMOSPHERIC SEEING
RT ASTRONOMICAL OBSERVATORIES
ASTRONOMY
ATMOSPHERIC EFFECTS
ATMOSPHERIC OPTICS
ATMOSPHERIC TURBULENCE
OPTICAL CORRECTION PROCEDURE
SCINTILLATION
SPACE OBSERVATIONS (FROM EARTH)
TELESCOPES
TURBULENCE EFFECTS
VISUAL OBSERVATION

SEEKERS
USE HOMING DEVICES

SEEPAGE
0505
RT CANALS
DRAINAGE
FLOOD DAMAGE
FLOW NETS
HYDRODYNAMICS
INTRUSION
IRRIGATION
LEAKAGE
LOSSES
OFFSHORE ENERGY SOURCES
PENETRATION
PERCOLATION
PERMEABILITY
PIEZOMETERS
WATER CONSUMPTION

SEGMENTS
1902 3406
RT CIRCLES (GEOMETRY)
% COMPONENTS
CURVES (GEOMETRY)
LINES (GEOMETRY)
RADII

SEGRE CHARACTERISTIC
2401 2403 2405
RT % CHARACTERISTICS
CRACK PROPAGATION
METAL FATIGUE

SEGREGATION
USE SEPARATION

SEISMIC ENERGY
1306 1308
RT EARTHQUAKE DAMAGE
% ENERGY
STRAIN ENERGY METHODS

SEISMIC WAVES
1306 1308
UF ELECTROSEISMIC EFFECT

GS ELASTIC WAVES
#SEISMIC WAVES
..LOVE WAVES
..MICROSEISMS
..RAYLEIGH WAVES
RT CRUSTAL FRACTURES
DETONATION WAVES
DILATATIONAL WAVES
EARTH MOVEMENTS
EARTHQUAKE DAMAGE
EARTHQUAKE RESISTANCE
EARTHQUAKE RESISTANT STRUCTURES
EARTHQUAKES
GUTENBERG ZONE
LARGE APERTURE SEISMIC ARRAY
LONGITUDINAL WAVES
P WAVES
PLANETARY QUAKES
POLARIZED ELASTIC WAVES
S WAVES
SEISMOLOGY
SH WAVES
SHOCK WAVES
SURFACE WAVES
TSUNAMI WAVES
UNDERGROUND EXPLOSIONS
% WAVES

SEISMOCARDIOGRAPHY
0405 0501
GS BIOENGINEERING
.BIOMETRICS
..CARDIOGRAPHY
..#SEISMOCARDIOGRAPHY
RT BALLISTOCARDIOGRAPHY
FIBRILLATION

SEISMOGRAMS
1306 1308 1406
RT SEISMOGRAPHS

SEISMOGRAPHS
1306 1308 1406
UF SEISMOMETERS
GS MEASURING INSTRUMENTS
.VIBRATION METERS
.#SEISMOGRAPHS
...LUNAR SEISMOGRAPHS
RECORDING INSTRUMENTS
#SEISMOGRAPHS
..LUNAR SEISMOGRAPHS
RT ACCELEROMETERS
ACOUSTIC MEASUREMENT
PHASED ARRAYS
SEISMOGRAMS
SHOCK MEASURING INSTRUMENTS
TILTMETERS

SEISMOLOGY
1306 1308 3009
GS #SEISMOLOGY
.HELIOSEISMOLOGY
.MOONQUAKES
RT CRUSTAL FRACTURES
EARTH MOVEMENTS
EARTH SCIENCES
EARTHQUAKE DAMAGE
EARTHQUAKES
GEOLOGY
GEOPHYSICS
ISOSTASY
LARGE APERTURE SEISMIC ARRAY
LUNAR GEOLOGY
MID-OCEAN RIDGES
ROUSE BELTS
% SCIENCE
SEISMIC WAVES
SUBDUCTION (GEOLOGY)
TIDAL WAVES

SEISMOMETERS
USE SEISMOGRAPHS

SEIZURES
0405 0408
RT CONVULSIONS
CRAMPS

SEL COMPUTERS
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#SEL COMPUTERS

SELECTION
3406 3407
UF CHOICE
GS #SELECTION
.PERSONNEL SELECTION
..PILOT SELECTION
.SITE SELECTION
RT CERTIFICATION
% CLASSIFYING
COLLECTION
DECISIONS
EVALUATION
FIGURE OF MERIT
OPTIONS
RANKING
REJECTION
SAMPLING
% SCREENING
SEARCHING
% TESTS

SELECTION RULES (NUCLEAR PHYSICS)
1203 2403 2405
GS RULES
#SELECTION RULES (NUCLEAR PHYSICS)
RT ALPHA DECAY
EMISSION
FORBIDDEN TRANSITIONS
NEUTRON EMISSION
% PHYSICS
QUANTUM NUMBERS

SELECTIVE DISSEMINATION OF INFORMATION
0803 3405
GS COMMUNICATING
.INFORMATION DISSEMINATION
.#SELECTIVE DISSEMINATION OF INFORMATION
RT COMPUTER INFORMATION SECURITY
DATA STORAGE
DOCUMENTATION
INDEXES (DOCUMENTATION)
INFORMATION FLOW
INFORMATION RETRIEVAL
INFORMATION SYSTEMS
LIBRARIES
MANAGEMENT PLANNING
SECURITY
TECHNOLOGY TRANSFER

SELECTIVE FADING
0702 0710 2402
GS FADING
.SIGNAL FADING
.#SELECTIVE FADING
RT FREQUENCY ANALYZERS
GROUND WAVE PROPAGATION
MODULATION
SIDEBANDS
SIGNAL FADING RATE

SELECTIVE SURFACES
0301
UF SOLAR SELECTIVE COATINGS
RT ENERGY ABSORPTION FILMS
SELECTIVITY
SOLAR COLLECTORS
SOLAR ENERGY ABSORBERS

SELECTIVITY

3407
RT DISCRIMINATION
PHOTOTHERMAL CONVERSION
SELECTIVE SURFACES

SELECTORS
0902 0904
RT ANALYZERS
CIRCUITS
ELECTRIC RELAYS
SAMPLERS
SWITCHES
SWITCHING CIRCUITS

SELENIDES
0603 1804
GS CHALCOGENIDES
#SELENIDES
..CADMIUM SELENIDES
..COPPER SELENIDES
..GALLIUM SELENIDES
..LEAD SELENIDES
..ZINC SELENIDES
SELENIUM COMPOUNDS
#SELENIDES
..CADMIUM SELENIDES
..COPPER SELENIDES
..GALLIUM SELENIDES
..LEAD SELENIDES
..ZINC SELENIDES

SELENIUM
1703
GS CHEMICAL ELEMENTS
#SELENIUM
RT SELENIUM ISOTOPES

SELENIUM ALLOYS
1701 1703 0603
GS ALLOYS
#SELENIUM ALLOYS
RT COPPER

SELENIUM COMPOUNDS
0603 1804
GS #SELENIUM COMPOUNDS
.SELENIDES
..CADMIUM SELENIDES
..COPPER SELENIDES
..GALLIUM SELENIDES
..LEAD SELENIDES
..ZINC SELENIDES
.SELENIUM OXIDES
RT % CHEMICAL COMPOUNDS
% GROUP 6A COMPOUNDS

SELENIUM ISOTOPES
0603 1703
GS CHEMICAL ELEMENTS
.NUCLIDES
..ISOTOPES
..#SELENIUM ISOTOPES
RT SELENIUM

SELENIUM OXIDES
0603 1804
GS CHALCOGENIDES
.OXIDES
.#SELENIUM OXIDES
SELENIUM COMPOUNDS
#SELENIUM OXIDES

SELENOGRAPHY
3001 3004
RT GEOGRAPHY
LUNAR CRATERS
LUNAR CRUST
LUNAR LANDING SITES
LUNAR MAPS
LUNAR MOBILE LABORATORIES
LUNAR RAYS
LUNAR ROCKS
LUNAR TOPOGRAPHY
MOON
SELENOLOGY
SURFACE PROPERTIES

SELENOLOGY
3001 3004
RT ASTRONOMY
LUNAR COMPOSITION
LUNAR CORE
LUNAR CRATERS
LUNAR CRUST
LUNAR DUST
LUNAR ECHOES
LUNAR ECLIPSES
LUNAR EFFECTS
LUNAR ENVIRONMENT
LUNAR EQUATOR
LUNAR EVOLUTION
LUNAR EXPLORATION
LUNAR FAR SIDE
LUNAR FIGURE
LUNAR GEOLOGY
LUNAR GRAVITATION
LUNAR GRAVITATIONAL EFFECTS
LUNAR LIMB
LUNAR LUMINESCENCE
LUNAR MAGNETIC FIELDS
LUNAR MANTLE
LUNAR MARIA
LUNAR OCCULTATION
LUNAR PHASES
LUNAR RADAR ECHOES
LUNAR RADIATION
LUNAR ROCKS
LUNAR ROTATION
LUNAR SEISMOGRAPHS
LUNAR SHADOW
LUNAR SOIL
LUNAR SURFACE
LUNAR TEMPERATURE
LUNAR TIDES
LUNAR TOPOGRAPHY
MOON
MOONQUAKES
REGOLITH
SELENOGRAPHY

SELF ABSORPTION
1411 2306 2402
GS ENERGY ABSORPTION
.RADIATION ABSORPTION
.#SELF ABSORPTION
RT % ABSORPTION
ABSORPTION SPECTRA
ABSORPTIVITY
AUTOMATIC CONTROL
DIFFUSION
% RADIATION

SELF ADAPTIVE CONTROL SYSTEMS
0802 1003 1905 2102
GS AUTOMATIC CONTROL
.ADAPTIVE CONTROL
.#SELF ADAPTIVE CONTROL SYSTEMS
RT ACTIVE CONTROL
ADAPTIVE OPTICS
AUTOMATA THEORY
AUTONOMY
% CONTROL
% SYSTEMS

SELF ALIGNMENT
0203 1003 2102
GS ALIGNMENT
#SELF ALIGNMENT
AUTOMATIC CONTROL
#SELF ALIGNMENT
RT ACTIVE CONTROL
ADAPTIVE CONTROL
LANDING GEAR
MODEL REFERENCE ADAPTIVE CONTROL
SERVOMECHANISMS

```
SELF CALIBRATING OMNIRANGE
  0705 1410 2102 2103 2104
  UF   SCORE OMNIRANGE
  GS   NAVIGATION AIDS
       .BEACONS
       ..RADIO BEACONS
       ...OMNIDIRECTIONAL RADIO RANGES
       ...#SELF CALIBRATING OMNIRANGE
       RADIO EQUIPMENT
       .RADIO TRANSMITTERS
       ..RADIO BEACONS
       ...OMNIDIRECTIONAL RADIO RANGES
       ...#SELF CALIBRATING OMNIRANGE
       TRANSMITTERS
       .RADIO TRANSMITTERS
       ..RADIO BEACONS
       ...OMNIDIRECTIONAL RADIO RANGES
       ...#SELF CALIBRATING OMNIRANGE
  RT   SOLAR COMPASSES

SELF CONSISTENT FIELDS
  2304 2307 2402 2502 2601
  UF   SCF
  RT   COMPUTATIONAL CHEMISTRY
       FIELD THEORY (PHYSICS)
     % FIELDS
       HARTREE APPROXIMATION
       MAGNETIC FIELDS
       MOLECULAR ORBITALS
       QUANTUM ELECTRODYNAMICS
       SHELL THEORY

SELF DEPLOYING SPACE STATIONS
  USE  SELF ERECTING DEVICES
       SPACE STATIONS

SELF DIFFUSION (SOLID STATE)
  0603
  GS   DIFFUSION
       #SELF DIFFUSION (SOLID STATE)
  RT   ATOMIC MOBILITIES
       IONIC DIFFUSION
       MOLECULAR DIFFUSION
       PARTICLE DIFFUSION

SELF ERECTING DEVICES
  0203 0303 0701 2104 3110
  UF   SELF DEPLOYING SPACE STATIONS
  RT % AUTOMATION
     % DEVICES
     % EQUIPMENT
       INFLATABLE SPACECRAFT
       INFLATABLE STRUCTURES
       ORBITAL ASSEMBLY
       SPACE ERECTABLE STRUCTURES

SELF EXCITATION
  1002 1003 1504 1601 2501
  GS   EXCITATION
       #SELF EXCITATION
  RT   FORCED VIBRATION
       FREE VIBRATION
       OSCILLATORS
       RESONATORS

SELF FOCUSING
  1003 1412 2310
  GS   FOCUSING
       #SELF FOCUSING
  RT   IMAGE CONTRAST
     % MACHINERY
       OPTICAL CORRECTION PROCEDURE
       OPTICAL MEASURING INSTRUMENTS

SELF INDUCED VIBRATION
  1003 1504 2308
  GS   VIBRATION
       .STRUCTURAL VIBRATION
       .#SELF INDUCED VIBRATION
       ...PANEL FLUTTER
       ...SUBSONIC FLUTTER
       ...SUPERSONIC FLUTTER
       ...TRANSONIC FLUTTER
  RT   BENDING VIBRATION
       FLUTTER
       FORCED VIBRATION
       FREE VIBRATION
       MISSILE VIBRATION
       PILOT INDUCED OSCILLATION
       RANDOM VIBRATION
       TORSIONAL VIBRATION

SELF INITIATED ANTIAIRCRAFT MISSILES
  USE  SIAM MISSILES

SELF LUBRICATING MATERIALS
  1502 1503 1504
  RT   IMPREGNATING
       LUBRICATION
     % MATERIALS
       SOLID LUBRICANTS
       SPACECRAFT LUBRICATION

SELF LUBRICATION
  1503 1504
  GS   LUBRICATION
       #SELF LUBRICATION
  RT   IMPREGNATING

SELF MANEUVERING UNITS
  1003 3004 3110
  UF   PERSONNEL PROPULSION SYSTEMS
       REACTION JET BACKPACKS
       SMU (MANEUVERING UNITS)
       SPACE SELF MANEUVERING UNITS
  GS  #SELF MANEUVERING UNITS
       .IMLSS
  RT   ASTRONAUT MANEUVERING EQUIPMENT
       EXTRAVEHICULAR ACTIVITY
       EXTRAVEHICULAR MOBILITY UNITS
       MANEUVERS
       MANNED MANEUVERING UNITS

SELF ORGANIZING SYSTEMS
  0802
  UF   PERCEPTRONS
  RT   ARTIFICIAL INTELLIGENCE
       MACHINE LEARNING
     % SYSTEMS
       TURING MACHINES

SELF OSCILLATION
  0902 1002 1003
  GS   OSCILLATIONS
       #SELF OSCILLATION
  RT   FEEDBACK AMPLIFIERS
       POSITIVE FEEDBACK
       TRANSFER FUNCTIONS

SELF PROPAGATION
  3407
  GS   DIFFUSION
       #SELF PROPAGATION
       TRANSMISSION
       #SELF PROPAGATION
  RT % PROPAGATION

SELF REGULATING
  USE  AUTOMATIC CONTROL

SELF REPAIRING DEVICES
  0503 0801 0802 1003
  RT % AUTOMATION
     % DEVICES
       MAINTENANCE

SELF SEALING
  0202 0504 0602 3110
  GS   SEALING
       #SELF SEALING
  RT   FLIGHT SAFETY
       FUEL SYSTEMS
       RUPTURING
       SUPPORT SYSTEMS
```

```
SELF SHADOWING
  0705
  RT    LARGE SPACE STRUCTURES
        SHADOWS
        SOLAR ARRAYS

SELF STIMULATION
  0410 3407
  RT    MOTIVATION
        REINFORCEMENT (PSYCHOLOGY)

SELF SUBTRACTION HOLOGRAPHY
  USE   HOLOGRAPHIC SUBTRACTION

SELF SUSTAINED EMISSION
  1002 1003 2306 2401 2406
  GS    EMISSION
        #SELF SUSTAINED EMISSION
  RT    ELECTRON EMISSION
        LIGHT EMISSION
        PARTICLE EMISSION
        STIMULATED EMISSION

SELF TESTS
  0201 1108 1505 3406 3501
  RT    AUTOMATIC TEST EQUIPMENT
        AVIONICS
        CHECKOUT
        ELECTRONIC EQUIPMENT TESTS
        FAIL-SAFE SYSTEMS
      % TESTS

SELSYNS (TRADEMARK)
  USE   SERVOMOTORS

SEM (MICROSCOPY)
  USE   SCANNING ELECTRON MICROSCOPY

SEMANTICS
  0703 3405
  GS    LINGUISTICS
        #SEMANTICS
  RT    COMMUNICATION THEORY
        GRAMMARS
        LANGUAGES
        MESSAGE PROCESSING
        MESSAGES
        NATURAL LANGUAGE PROCESSING
        NOMENCLATURES
        ORTHOGRAPHY
        PARSING ALGORITHMS
        PREDICATE LOGIC
        PSYCHOLINGUISTICS
        SENTENCES
        SPEECH
        SYLLABLES
        SYMBOLS
        SYNTAX
        WORDS (LANGUAGE)

SEMICIRCULAR CANALS
  0405 0408
  GS    ANATOMY
        .SENSE ORGANS
        ..EAR
        ...LABYRINTH
        ...#SEMICIRCULAR CANALS
  RT    EARDRUMS
        MIDDLE EAR
        OTOLITH ORGANS
        VESTIBULES

SEMICONDUCTING FILMS
  2602
  RT    AMORPHOUS SEMICONDUCTORS
        AMORPHOUS SILICON
        DIAMOND FILMS
        ENERGY ABSORPTION FILMS
      % FILMS
        SUPERCONDUCTING FILMS
        THICK FILMS
        THIN FILMS

SEMICONDUCTOR DEVICES
  0906
  GS    ELECTRONIC EQUIPMENT
        .SOLID STATE DEVICES
        .#SEMICONDUCTOR DEVICES
        ...AVALANCHE DIODES
        ....CRYOSAR
        ...BARRITT DIODES
        ...CHARGE TRANSFER DEVICES
        ....BUCKET BRIGADE DEVICES
        ....CHARGE COUPLED DEVICES
        ....CHARGE INJECTION DEVICES
        ...GERMANIUM DIODES
        ...HETEROJUNCTION DEVICES
        ....HIGH ELECTRON MOBILITY
            TRANSISTORS
        .....MODFETS
        ...JUNCTION DIODES
        ....MIM DIODES
        ....STEP RECOVERY DIODES
        ...LIGHT EMITTING DIODES
        ...METAL OXIDE SEMICONDUCTORS
        ....CMOS
        ....ITO (SEMICONDUCTORS)
        ....SOS (SEMICONDUCTORS)
        ...MIM (SEMICONDUCTORS)
        ...MIS (SEMICONDUCTORS)
        ...MSM (SEMICONDUCTORS)
        ...NDM SEMICONDUCTOR DEVICES
        ...NEURISTORS
        ...PARAMETRIC DIODES
        ...PHOTODIODES
        ...PHOTOVOLTAIC CELLS
        ....SOLAR CELLS
        .....VERTICAL JUNCTION SOLAR CELLS
        ...SCHOTTKY DIODES
        ...SEMICONDUCTOR LASERS
        ....ALUMINUM GALLIUM ARSENIDE
            LASERS
        ....GALLIUM ARSENIDE LASERS
        ....QUANTUM WELL LASERS
        ...SOI (SEMICONDUCTORS)
        ...THERMISTORS
        ...THYRISTORS
        ....SILICON CONTROLLED RECTIFIERS
        ...TRANSFERRED ELECTRON DEVICES
        ...TRANSISTOR AMPLIFIERS
        ...TRANSISTORS
        ....BIPOLAR TRANSISTORS
        ....FIELD EFFECT TRANSISTORS
        .....CHARGE FLOW DEVICES
        .....JFET
        .....MODFETS
        ....HIGH ELECTRON MOBILITY
            TRANSISTORS
        .....MODFETS
        ....JUNCTION TRANSISTORS
        .....JFET
        ....PHOTOTRANSISTORS
        ....SILICON TRANSISTORS
        .....SOS (SEMICONDUCTORS)
        ...TRAPATT DEVICES
        ...VARACTOR DIODES
        ...VARISTORS
  RT    BARRIER LAYERS
        BUBBLE TECHNIQUE
        CHIPS (MEMORY DEVICES)
        CRYSTAL RECTIFIERS
        DIFFUSION ELECTRODES
        DIFFUSION LENGTH
        DIODES
        GUNN DIODES
        GUNN EFFECT
        HALL EFFECT
        HYBRID CIRCUITS
        ION IMPLANTATION
      % JUNCTIONS
        MICROMINIATURIZATION
        MODULATION DOPING
        MOLECULAR ELECTRONICS
        ORGANIC SEMICONDUCTORS
```

OSCILLATORS
PARAMETRIC AMPLIFIERS
PENTODES
RECTIFIERS
SEMICONDUCTORS (MATERIALS)
SILICON FILMS
TETRODES
TRIODES
TUNNEL JUNCTIONS
WAFERS

SEMICONDUCTOR DIODES
0903
GS ELECTRONIC EQUIPMENT
.DIODES
.#SEMICONDUCTOR DIODES
...AVALANCHE DIODES
...BARRITT DIODES
...GERMANIUM DIODES
...GUNN DIODES
...JUNCTION DIODES
...LIGHT EMITTING DIODES
...PARAMETRIC DIODES
...PHOTODIODES
...SCHOTTKY DIODES
...TUNNEL DIODES
...VARACTOR DIODES
RT MIM DIODES
SIS (SEMICONDUCTORS)
THERMIONIC DIODES

SEMICONDUCTOR INSULATOR SEMICONDUCTORS
USE SIS (SEMICONDUCTORS)

SEMICONDUCTOR JUNCTIONS
2602
GS #SEMICONDUCTOR JUNCTIONS
.HETEROJUNCTIONS
.HOMOJUNCTIONS
.MBM JUNCTIONS
.N-N JUNCTIONS
.N-P-N JUNCTIONS
.P-I-N JUNCTIONS
.P-N JUNCTIONS
.P-N-P JUNCTIONS
.P-N-P-N JUNCTIONS
.SILICON JUNCTIONS
RT BARRITT DIODES
HETEROJUNCTION DEVICES
% JUNCTIONS
MSM (SEMICONDUCTORS)
N-TYPE SEMICONDUCTORS
P-TYPE SEMICONDUCTORS
SCHOTTKY DIODES
SIS (SEMICONDUCTORS)
THRESHOLD VOLTAGE
TUNNEL JUNCTIONS

SEMICONDUCTOR LASERS
0906 1601 2602
UF LASER DIODES
GS ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
..#SEMICONDUCTOR LASERS
....ALUMINUM GALLIUM ARSENIDE LASERS
....GALLIUM ARSENIDE LASERS
....QUANTUM WELL LASERS
STIMULATED EMISSION DEVICES
.LASERS
.#SEMICONDUCTOR LASERS
...ALUMINUM GALLIUM ARSENIDE LASERS
...GALLIUM ARSENIDE LASERS
...YLF LASERS
RT DBR LASERS
DISTRIBUTED FEEDBACK LASERS
GADOLINIUM-GALLIUM GARNET
GALLIUM ARSENIDES
GUNN EFFECT
INJECTION LASERS
LASER ARRAYS
LASER CAVITIES
OPTICAL SWITCHING
PULSED LASERS
Q SWITCHED LASERS
SOLID STATE LASERS
SURFACE EMITTING LASERS
WAVEGUIDE LASERS

SEMICONDUCTOR PLASMAS
1002 2402 2602
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
...PLASMAS (PHYSICS)
...#SEMICONDUCTOR PLASMAS
RT ELECTRON MOBILITY
ELECTRON-HOLE DROPS
HOLES (ELECTRON DEFICIENCIES)
PLASMA PHYSICS
SEMICONDUCTORS (MATERIALS)

SEMICONDUCTORS (MATERIALS)
2602
GS #SEMICONDUCTORS (MATERIALS)
.ACCEPTOR MATERIALS
.AMORPHOUS SEMICONDUCTORS
..AMORPHOUS SILICON
.DONOR MATERIALS
.METAL OXIDE SEMICONDUCTORS
..CMOS
..ITO (SEMICONDUCTORS)
..SOS (SEMICONDUCTORS)
.METAL-NITRIDE-OXIDE-SEMICONDUCTORS
.METAL-NITRIDE-OXIDE-SILICON
.MIM (SEMICONDUCTORS)
.MIS (SEMICONDUCTORS)
.MOM (SEMICONDUCTORS)
.N-TYPE SEMICONDUCTORS
.ORGANIC SEMICONDUCTORS
.P-TYPE SEMICONDUCTORS
.PHOTOCONDUCTORS
.SUPERLATTICES
.VYCOR
RT ALUMINUM ARSENIDES
BIPOLAR TRANSISTORS
BUCKET BRIGADE DEVICES
CARRIER DENSITY (SOLID STATE)
CARRIER INJECTION
CHARGE INJECTION DEVICES
CONDUCTING POLYMERS
CONDUCTION BANDS
CONDUCTORS
ELECTRIC CONDUCTORS
ELECTRON AFFINITY
ELECTRON DENSITY (CONCENTRATION)
ELECTRON TUNNELING
ELECTRONS
EMITTERS
EXCITONS
GADOLINIUM-GALLIUM GARNET
GALLIUM NITRIDES
HOLE DISTRIBUTION (ELECTRONICS)
HOLES (ELECTRON DEFICIENCIES)
INDIUM ANTIMONIDES
INDIUM GALLIUM ARSENIDES
INDIUM TELLURIDES
INTERMETALLICS
MAJORITY CARRIERS
% MATERIALS
MELTS (CRYSTAL GROWTH)
METALLOIDS
MINORITY CARRIERS
MODULATION DOPING
NEGATIVE ELECTRON AFFINITY
ORGANIC CHARGE TRANSFER SALTS
POLYACETYLENE
PSEUDOPOTENTIALS
RESISTORS
SCREEN EFFECT
SEMICONDUCTOR DEVICES
SEMICONDUCTOR PLASMAS
% SOLID STATE PHYSICS
THERMOELECTRIC MATERIALS

```
SEMIEMPIRICAL EQUATIONS
  1902
  RT   ALGEBRA
     % EQUATIONS
       PARAMETERIZATION

SEMIMETALS
  USE  METALLOIDS

SEMIREGULAR VARIABLE STARS
  2306 3001 3006
  GS   CELESTIAL BODIES
       .STARS
       ..VARIABLE STARS
       ..#SEMIREGULAR VARIABLE STARS
  RT   IRREGULAR VARIABLE STARS
       PERIODIC VARIATIONS

SEMISOLIDS
  1704 2311
  RT   PLASTIC PROPERTIES
       THIXOTROPY
       VISCOUS FLUIDS

SEMISPAN MODELS
  0101 0102 0201
  GS   MODELS
       #SEMISPAN MODELS
  RT   AERODYNAMIC CONFIGURATIONS
       AIRCRAFT MODELS
       SCALE MODELS
       WIND TUNNEL MODELS

SENARMONT POLARISCOPES
  1409 2306 2310 2402
  GS   MEASURING INSTRUMENTS
       .POLARISCOPES
       .#SENARMONT POLARISCOPES
       OPTICAL EQUIPMENT
       .POLARISCOPES
       .#SENARMONT POLARISCOPES
  RT   LASERS
       OPTICAL MEASURING INSTRUMENTS

SENDERS
  USE  TRANSMITTERS

SENECA AIRCRAFT
  USE  PA-34 SENECA AIRCRAFT

SENEGAL
  1305
  GS   NATIONS
       #SENEGAL
  RT   AFRICA

SENSE ORGANS
  0404
  GS   ANATOMY
       #SENSE ORGANS
       ..BARORECEPTORS
       ..CHEMORECEPTORS
       ..EAR
       ...EARDRUMS
       ...EUSTACHIAN TUBES
       ...LABYRINTH
       ....COCHLEA
       .....CORTI ORGAN
       ....OTOLITH ORGANS
       ....SEMICIRCULAR CANALS
       ....VESTIBULES
       ...MIDDLE EAR
       ..EYE (ANATOMY)
       ...CHOROID MEMBRANES
       ...CONJUNCTIVA
       ...CORNEA
       ...OCULOMOTOR NERVES
       ...PUPILS
       ...RETINA
       ....FOVEA
       ..GRAVIRECEPTORS
       ...OTOLITH ORGANS
       ..MECHANORECEPTORS
       ..PHOTORECEPTORS
       ..PROPRIOCEPTORS
       ..THERMORECEPTORS
  RT   FINGERS
       HEAD (ANATOMY)
       NERVOUS SYSTEM
       OLFACTORY PERCEPTION
       ORGANS
       PERCEPTUAL TIME CONSTANT
       RECEPTORS (PHYSIOLOGY)
       SENSITOMETRY
       SKIN (ANATOMY)

SENSES
  USE  SENSORY PERCEPTION

SENSIBILITY
  USE  SENSITIVITY

SENSING
  USE  DETECTION

SENSITIVITY
  1002 1003 1406 1409 1413 3408 3501
  UF   INSENSITIVITY
       SENSIBILITY
  GS   #SENSITIVITY
       .ANAPHYLAXIS
       .IMPACT RESISTANCE
       .NOTCH SENSITIVITY
       .PAIN SENSITIVITY
       .PHOTOSENSITIVITY
       ..LIGHT ADAPTATION
       ..PHOTOTROPISM
       .PROPELLANT SENSITIVITY
       .RADIATION TOLERANCE
       .SENSITOMETRY
       .SPECTRAL SENSITIVITY
  RT   ACUITY
       ADAPTATION
       AMPLIFICATION
       AUDITORY PERCEPTION
       DYNAMIC CHARACTERISTICS
       DYNAMIC RESPONSE
     % FREQUENCY RESPONSE
       ITCHING
       PERCEPTION
       PRECISION
       RANGE (EXTREMES)
       REACTION TIME
     % RESISTANCE
       RESOLUTION
       SENSITIZING
       SHOCK RESISTANCE
     % THRESHOLDS
       THRESHOLDS (PERCEPTION)
       TOLERANCES (MECHANICS)
       TRANSFER FUNCTIONS
       TRANSIENT RESPONSE
       VISIBILITY
       VULNERABILITY

SENSITIZING
  0403 0405 0408
  RT   ACTIVATION
       ACTUATION
       ANAPHYLAXIS
       CORROSION PREVENTION
       SENSITIVITY

SENSITOMETRY
  1406 1407 1409
  GS   SENSITIVITY
       #SENSITOMETRY
  RT   GRAVIRECEPTORS
       MECHANORECEPTORS
       PHOTORECEPTORS
       PHOTOSENSITIVITY
       PROPRIOCEPTORS
       RADIATION MEASUREMENT
       RECEPTORS (PHYSIOLOGY)
```

SENSE ORGANS
THERMORECEPTORS

SENSORIMOTOR PERFORMANCE
0401 0410 0506
GS #SENSORIMOTOR PERFORMANCE
.PSYCHOMOTOR PERFORMANCE
..PSYCHOSOMATICS
RT AFFERENT NERVOUS SYSTEMS
EFFERENT NERVOUS SYSTEMS
HUMAN PERFORMANCE
HUMAN REACTIONS
PERCEPTUAL TIME CONSTANT
PHYSIOLOGICAL TESTS
PILOT PERFORMANCE
REACTION TIME
SENSORY FEEDBACK

% SENSORS
1409
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF PICKOFFS
PICKUPS
RT BIOINSTRUMENTATION
CHARACTER RECOGNITION
CHARGE FLOW DEVICES
CONTOUR SENSORS
CROP IDENTIFICATION
DATA ACQUISITION
ELECTRONIC TRANSDUCERS
FLIR DETECTORS
GAS DETECTORS
GUIDANCE SENSORS
IMAGE VELOCITY SENSORS
LASER GYROSCOPES
MEASURING INSTRUMENTS
MICROWAVE SENSORS
MULTISPECTRAL LINEAR ARRAYS
REMOTE SENSORS
ROBOT SENSORS
SERVOMOTORS
TACTILE SENSORS (ROBOTICS)
TORQUE SENSORS (ROBOTICS)
TRANSDUCERS

SENSORY DEPRIVATION
0401 0408 0410
GS DEPRIVATION
#SENSORY DEPRIVATION
RT CONFINEMENT
CONFINING
MONOTONY
PERCEPTION

SENSORY DISCRIMINATION
0401 0408 0502
GS DISCRIMINATION
#SENSORY DISCRIMINATION
..BRIGHTNESS DISCRIMINATION
..TACTILE DISCRIMINATION
..VISUAL DISCRIMINATION
RT SPEECH RECOGNITION
TIME DISCRIMINATION

SENSORY FEEDBACK
0404 0408 0503
UF FEELINGS
GS FEEDBACK
.BIOFEEDBACK
.#SENSORY FEEDBACK
RT EMOTIONAL FACTORS
EMOTIONS
MOODS
MOON ILLUSION
NONLINEAR FEEDBACK
PERCEPTION
SENSORIMOTOR PERFORMANCE

SENSORY PERCEPTION
0401 0408 0410
UF SENSES
GS PERCEPTION
#SENSORY PERCEPTION
..AUDITORY PERCEPTION
..CONSCIOUSNESS
..EXTRASENSORY PERCEPTION
..KINESTHESIA
..OLFACTORY PERCEPTION
..PAIN
..PAIN SENSITIVITY
..PROPRIOCEPTION
...AUTOKINESIS
..TASTE
..TOUCH
...TACTILE DISCRIMINATION
..VERTICAL PERCEPTION
..VIBRATION PERCEPTION
..VISUAL PERCEPTION
...CRITICAL FLICKER FUSION
...SPACE PERCEPTION
....AUTOKINESIS
...VISUAL DISCRIMINATION
RT AFTERIMAGES
ANESTHESIA
ELECTROCUTANEOUS COMMUNICATION
ITCHING

SENSORY STIMULATION
0408 0410
GS STIMULATION
#SENSORY STIMULATION
RT CHRONAXY
EMOTIONAL FACTORS
SUBLIMINAL STIMULI

SENTENCES
0703
GS LANGUAGES
#SENTENCES
..WORDS (LANGUAGE)
...SYLLABLES
LINGUISTICS
.SYNTAX
.#SENTENCES
...WORDS (LANGUAGE)
....SYLLABLES
RT COMMUNICATION THEORY
MESSAGES
SEMANTICS
SIGNAL RECEPTION
SIGNAL TRANSMISSION
SPEECH
TALKING

SENTINEL SYSTEM
3401
GS WEAPON SYSTEMS
#SENTINEL SYSTEM
RT ANTIMISSILE DEFENSE
ANTIMISSILE MISSILES
CIVIL DEFENSE
NIKE MISSILES
SAFEGUARD SYSTEM
SPARTAN MISSILE
SPRINT MISSILE
SURFACE TO AIR MISSILES
% SYSTEMS

SEO (INDIAN SPACECRAFT)
USE INDIAN SPACECRAFT

SEOCS (SATELLITE)
3107
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
.#SEOCS (SATELLITE)

SEOS
USE SYNCHRONOUS EARTH OBSERVATORY SATELLITE

SEPAC (PAYLOAD)
3009 3107

UF SPACE EXPER WITH PARTICLE
ACCELERATORS
GS PAYLOADS
#SEPAC (PAYLOAD)
RT % ACCELERATORS
PARTICLE ACCELERATORS
SPACELAB

SEPARATED FLOW
0101 1201 1202 1203
UF FLOW SEPARATION
GS FLUID FLOW
.VISCOUS FLOW
..BOUNDARY LAYER FLOW
..#SEPARATED FLOW
....BOUNDARY LAYER SEPARATION
RT CAVITATION FLOW
CONICAL FLOW
CROCCO-LEE THEORY
FLOW CHARACTERISTICS
FLOW DISTRIBUTION
REATTACHED FLOW
REVERSED FLOW
% SEPARATION
SURFACE ROUGHNESS EFFECTS
TURBULENCE EFFECTS
VORTEX FLAPS

% SEPARATION
1201 3102 3407 3501
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF SEGREGATION
RT ADSORPTION
AERATION
AGGLOMERATION
AGITATION
BENEFICIATION
BOUNDARY LAYER SEPARATION
BREAKING
CENTRIFUGING
CHEMICAL FRACTIONATION
CHIPPING
CLASSIFIERS
CLEANING
COAGULATION
COALESCING
COANDA EFFECT
COLLOIDS
CONCENTRATING
CONDENSING
CRYSTALLIZATION
CUTTING
DEBONDING (MATERIALS)
DECONTAMINATION
DEGASSING
DEHUMIDIFICATION
DEHYDRATION
DEIONIZATION
DELAMINATING
DEMINERALIZING
DEOXYGENATION
DEPOSITION
DESCALING
DESORPTION
DIALYSIS
DIFFUSION
DISPERSING
DISSOLVING
DISTILLATION
DIVERTERS
% DIVISION
DRYING
ELECTRODIALYSIS
ELECTROSTATIC PRECIPITATORS
ELIMINATION
ELUTION
EVAPORATION
EXCHANGING
EXCLUSION
EXTERNAL STORE SEPARATION
EXTRACTION
FILTRATION
FLAKING
FLASHING (VAPORIZING)
FLOTATION
FLUSHING
FOAMING
FRACTIONATION
FRACTURING
HOMOGENIZING
ION EXCHANGING
ION EXTRACTION
ION STRIPPING
ISOLATION
LEACHING
MATERIALS RECOVERY
MELTING
MIXING
OSMOSIS
PERCOLATION
PHASE SEPARATION (MATERIALS)
POLARIZATION (CHARGE SEPARATION)
PRECIPITATION (CHEMISTRY)
PURGING
PURIFICATION
RADIOCHEMICAL SEPARATION
RECRYSTALLIZATION
REFINING
REMOVAL
SCRAPERS
SEPARATED FLOW
SEPARATORS
SETTLING
SHAKING
SHEARING
SIZE SEPARATION
SLICING
SOLVENT EXTRACTION
SORPTION
SPACING
SPLITTING
SPREADING
STAGE SEPARATION
STRIPPING (DISTILLATION)
SUBLIMATION
SWIRLING
THERMAL DIFFUSION
THERMOPHORESIS
TUMBLING MOTION
VAPORIZING
VENTING
WASHING
ZONE MELTING

SEPARATORS
0302 0603 1201
UF BATTERY SEPARATORS
GS #SEPARATORS
.CLASSIFIERS
..SIZING SCREENS
..THICKENERS (EQUIPMENT)
.DIVIDERS
.DRYING APPARATUS
..DESICCATORS
.DUST COLLECTORS
.EVAPORATORS
.FLUID FILTERS
..AIR FILTERS
.PRECIPITATORS
..ELECTROSTATIC PRECIPITATORS
.SIEVES
.SPIRALS (CONCENTRATORS)
.STILLS
RT CENTRIFUGES
CLEANERS
COLUMNS (PROCESS ENGINEERING)
CONCENTRATING
CONCENTRATORS
CONDENSERS (LIQUEFIERS)
CURTAINS
% DIFFUSERS
DIVERTERS
% FILTERS

FLOATS
FLUIDIZED BED PROCESSORS
FURNACES
ION EXCHANGE MEMBRANE ELECTROLYTES
MIXERS
% SEPARATION
SHAKERS
SPACERS
TRAPS
VAPORIZERS
WASHERS (CLEANERS)
WASHERS (SPACERS)
WINDOWS (APERTURES)

SEPTUM
0404 0405
RT MEDIASTINUM
MEMBRANES
% PARTITIONS

SEQUENCING
0802 1902 3407
RT CONSECUTIVE EVENTS
COORDINATION
CRITICAL PATH METHOD
INTERRUPTION
% OPERATIONS
OPERATIONS RESEARCH
PACKET SWITCHING
PETRI NETS
PLANNING
PRIORITIES
RANKING
SCHEDULING
SEQUENTIAL CONTROL
SWITCHING
SWITCHING THEORY
TURNAROUND (STS)

SEQUENTIAL ANALYSIS
0802 1902 1903 1905
GS STATISTICAL ANALYSIS
#SEQUENTIAL ANALYSIS
RT QUALITY CONTROL
SAMPLING

SEQUENTIAL COMPUTERS
0801 0802 1504
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#SEQUENTIAL COMPUTERS

SEQUENTIAL CONTROL
0802 0803 1003
GS AUTOMATIC CONTROL
#SEQUENTIAL CONTROL
RT ACCURACY
COMPUTER PROGRAMMING
CONSECUTIVE EVENTS
% CONTROL
DATA FLOW ANALYSIS
NUMERICAL CONTROL
SEQUENCING

SERGEANT MISSILES
3101 3401
GS MISSILES
.SURFACE TO SURFACE MISSILES
.#SERGEANT MISSILES
RT JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
LITTLE JOE 2 LAUNCH VEHICLE
SOLID PROPELLANT ROCKET ENGINES

SERGENIUM
0603 1703 2406
GS CHEMICAL ELEMENTS
.ACTINIDE SERIES
..TRANSURANIUM ELEMENTS
..#SERGENIUM
.NUCLIDES
..ISOTOPES
...RADIOACTIVE ISOTOPES
....TRANSURANIUM ELEMENTS
....#SERGENIUM
METALS
.ACTINIDE SERIES
..TRANSURANIUM ELEMENTS
..#SERGENIUM

SERIES (MATHEMATICS)
1902 1903
GS ANALYSIS (MATHEMATICS)
.CALCULUS
.#SERIES (MATHEMATICS)
...ASYMPTOTIC SERIES
...CAMPBELL-HAUSDORFF SERIES
...COSINE SERIES
...FOURIER SERIES
...PADE APPROXIMATION
...POWER SERIES
....TAYLOR SERIES
.....MACLAURIN SERIES
...PROGRESSIONS
...PRONY SERIES
...SINE SERIES
.REAL VARIABLES
.#SERIES (MATHEMATICS)
...ASYMPTOTIC SERIES
...CAMPBELL-HAUSDORFF SERIES
...COSINE SERIES
...FOURIER SERIES
...PADE APPROXIMATION
...POWER SERIES
....TAYLOR SERIES
.....MACLAURIN SERIES
...PROGRESSIONS
...PRONY SERIES
...SINE SERIES
RT ABEL FUNCTION
CHEBYSHEV APPROXIMATION
DIVERGENCE
FORM FACTORS
FOURIER-BESSEL TRANSFORMATIONS
FUNCTION SPACE
FUNCTIONAL ANALYSIS
GIBBS PHENOMENON
INFINITY
SERIES EXPANSION
SUMS

SERIES EXPANSION
1902
GS EXPANSION
#SERIES EXPANSION
RT ASYMPTOTIC SERIES
DIVERGENCE
% MATHEMATICS
SERIES (MATHEMATICS)

SEROTONIN
0403 1808
GS AMINES
.TRYPTAMINES
.#SEROTONIN
DRUGS
.VASOCONSTRICTOR DRUGS
.#SEROTONIN
ORGANIC COMPOUNDS
#SEROTONIN

SERPENTINE
1806 1902
GS MINERALS
#SERPENTINE
RT ASBESTOS
CHROMITES
ROCKS
SOILS

SERRATIA
0407
GS MICROORGANISMS

.BACTERIA
.#SERRATIA

SERT (ROCKET TESTS)
USE SPACE ELECTRIC ROCKET TESTS

SERT 1 SPACECRAFT
2803 3106 3409
RT ELECTRIC PROPULSION
ELECTRIC ROCKET ENGINES
ENGINE TESTS
SPACE ELECTRIC ROCKET TESTS
% SPACECRAFT

SERT 2 SPACECRAFT
2803 3106 3409
RT ELECTRIC PROPULSION
ELECTRIC ROCKET ENGINES
ENGINE TESTS
SPACE ELECTRIC ROCKET TESTS
% SPACECRAFT

SERUMS
0405 0412
GS #SERUMS
.INOCULUM
RT ANTISERUMS
% FLUIDS
PROTEINS

SERVICE LIFE
1504
UF MACHINE LIFE
GS LIFE (DURABILITY)
#SERVICE LIFE
RT ACCELERATED LIFE TESTS
% EQUIPMENT
FATIGUE LIFE
MAINTENANCE
RETIREMENT FOR CAUSE

SERVICE MODULES
1410 3106
GS MODULES
#SERVICE MODULES
SPACECRAFT COMPONENTS
#SERVICE MODULES
RT APOLLO SPACECRAFT
COMMAND MODULES
SPACECRAFT DOCKING MODULES
SPACECRAFT MODULES

SERVICES
1102 1103 1504
GS #SERVICES
.MEDICAL SERVICES
.METEOROLOGICAL SERVICES
RT % FOOD
GOVERNMENT PROCUREMENT
INVENTORY MANAGEMENT
LOGISTICS
LOGISTICS MANAGEMENT
MATERIALS HANDLING
PERSONNEL
PROCUREMENT
PROCUREMENT MANAGEMENT
PRODUCTS
SITE SELECTION
SUPPORT SYSTEMS
TRANSPORTATION
UTILITIES

SERVOAMPLIFIERS
0303 0904 1003 1201 1409 3501
GS AMPLIFIERS
#SERVOAMPLIFIERS
CONTROL EQUIPMENT
#SERVOAMPLIFIERS
CONTROLLERS
.SERVOMECHANISMS
.#SERVOAMPLIFIERS
RT FEEDBACK AMPLIFIERS
FLY BY TUBE CONTROL
SERVOCONTROL

SERVOCONTROL
0203 1003 1201 1409 2102 3501
UF SERVOSTABILITY CONTROL
RT AEROSERVOELASTICITY
AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL
% CONTROL
CONTROL MOMENT GYROSCOPES
CONTROL THEORY
DIGITAL COMMAND SYSTEMS
FEEDBACK CONTROL
HYDRAULIC EQUIPMENT
MANIPULATORS
MANUAL CONTROL
OFF-ON CONTROL
PNEUMATIC EQUIPMENT
PROPORTIONAL CONTROL
REMOTE CONTROL
ROCKET ENGINE CONTROL
SERVOAMPLIFIERS
SERVOMECHANISMS
SERVOMOTORS
STEPPING MOTORS
TURBOJET ENGINE CONTROL
VISUAL CONTROL

SERVOMECHANISMS
0203 1003 1201 1410 1504 2102 3501
GS CONTROLLERS
#SERVOMECHANISMS
..SERVOAMPLIFIERS
..SERVOMOTORS
RT ACTIVE CONTROL
ACTUATORS
AIRCRAFT HYDRAULIC SYSTEMS
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
% AUTOMATION
% CONTROL
CONTROL MOMENT GYROSCOPES
ELECTRIC MOTORS
FEEDBACK CONTROL
HYDRAULIC EQUIPMENT
PNEUMATIC EQUIPMENT
RADAR EQUIPMENT
REMOTE CONTROL
ROBOTS
SELF ALIGNMENT
SERVOCONTROL
STEPPING MOTORS
TACTILE SENSORS (ROBOTICS)
TORQUE SENSORS (ROBOTICS)

SERVOMOTORS
1003 1409 1504
UF MAGNESYN (TRADEMARK)
SELSYNS (TRADEMARK)
SERVOS
GS CONTROLLERS
.SERVOMECHANISMS
.#SERVOMOTORS
MOTORS
#SERVOMOTORS
RT ACTUATORS
AMPLIDYNES
AUTOMATIC CONTROL
ELECTRIC MOTORS
HELIOSTATS
% ROTATING ELECTRICAL MACHINES
% SENSORS
SERVOCONTROL
SLEWING
SYNCHRONIZERS
TORQUE MOTORS

SERVOS
USE SERVOMOTORS

SERVOSTABILITY CONTROL
USE SERVOCONTROL

```
SES
  USE  SURFACE EFFECT SHIPS

SES (SHUTTLE)
  USE  SHUTTLE ENGINEERING SIMULATOR

SET
  1902 1905
  SN   (EXCLUDES SET THEORY)
  GS   MECHANICAL PROPERTIES
       #SET
  RT   DEFORMATION
       SHEAR PROPERTIES

SET THEORY
  1902 1905
  UF   SUBSETS (MATHEMATICS)
  GS   MATHEMATICAL LOGIC
       #SET THEORY
       ..BOREL SETS
       ..EQUIVALENCE
       ..THRESHOLD LOGIC
  RT   BOOLEAN ALGEBRA
       BRANCHING (MATHEMATICS)
       COMBINATORIAL ANALYSIS
     % CONJUNCTION
       FIBONACCI NUMBERS
       FRACTALS
       FUZZY SETS
       FUZZY SYSTEMS
       GRAPH THEORY
       HOMOTROPY
       HYPERPLANES
       LATTICES (MATHEMATICS)
       LEBESGUE THEOREM
       ORLICZ SPACE
       PERMUTATIONS
     % SPACE
       SUBDIVISIONS
       SUBGROUPS
     % THEORIES

SETI
  USE  PROJECT SETI

% SETTING
  1504 1507 3305
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ADJUSTING
       COAGULATION
       CURING
       HARDENING (MATERIALS)
       POLYMERIZATION
       POSITIONING
       SOLIDIFICATION

SETTLING
  0601 0602 1202
  RT   ACCUMULATIONS
       AGGLOMERATION
       AGITATION
       BENEFICIATION
       COAGULATION
       COALESCING
       CONCENTRATING
       CRYSTALLIZATION
       DEPOSITION
       EFFLUENTS
       FLOCCULATING
       FLOTATION
       PARTICLE MOTION
       PRECIPITATION (CHEMISTRY)
     % PROCESSING
     % SEPARATION
       SIZE SEPARATION
       STOKES LAW (FLUID MECHANICS)
       SUBSIDENCE
       WATER TREATMENT

SETUPS
  0702
  RT   MACHINING
       TOOLING

SEVERE STORMS OBSERVING SATELLITE
  USE  STORMSAT SATELLITE

SEWAGE
  0505 3404
  GS   WASTES
       #SEWAGE
       ..SOLID WASTES
  RT   ACTIVATED SLUDGE
       EFFLUENTS
       ENVIRONMENT EFFECTS
       HUMAN WASTES
       LIQUID WASTES
       METABOLIC WASTES
       ORGANIC WASTES (FUEL CONVERSION)
       SEWERS
       WASTE DISPOSAL
       WATER TREATMENT

SEWAGE TREATMENT
  0505
  GS   WASTE TREATMENT
       #SEWAGE TREATMENT
  RT   AEROBES
       ANAEROBES
       CHEMICAL STERILIZATION
       FILTRATION
       MODULAR INTEGRATED UTILITY SYSTEM
       PURIFICATION
       SEDIMENTS
       SLUDGE
     % TREATMENT
       WASTE DISPOSAL

SEWERS
  0905
  GS   PIPELINES
       #SEWERS
  RT   DRAINAGE
       EFFLUENTS
       GARBAGE
       HUMAN WASTES
       METABOLIC WASTES
       SANITATION
       SEWAGE
       WASTE DISPOSAL
       WASTES

SEWING
  1504 1811
  RT   BINDING
     % JOINING
       NEEDLES
       WEAVING

SEX
  0404 0408
  RT % DRIVES
       FEMALES
       MALES
       SEX FACTOR

SEX FACTOR
  0404 0408
  RT   FEMALES
       MALES
       PHYSIOLOGICAL FACTORS
       PSYCHOLOGICAL FACTORS
       SEX
       SEX GLANDS

SEX GLANDS
  0404
  GS   ANATOMY
       .GENITOURINARY SYSTEM
       ..REPRODUCTIVE SYSTEMS
       ..#SEX GLANDS
       ....GONADS
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      .....OVARIES
      .....TESTES
      ....PROSTATE GLAND
      .GLANDS (ANATOMY)
      .#SEX GLANDS
      ...GONADS
      ....OVARIES
      ....TESTES
      ...PROSTATE GLAND
  RT  ESTROGENS
      REPRODUCTION (BIOLOGY)
      SEX FACTOR

SEXTANTS
  1406 2104 3001
  GS  MEASURING INSTRUMENTS
      .OPTICAL MEASURING INSTRUMENTS
      .#SEXTANTS
      OPTICAL EQUIPMENT
      .OPTICAL MEASURING INSTRUMENTS
      .#SEXTANTS
  RT  NAVIGATION AIDS
      POSITION INDICATORS
      STADIMETERS
      THEODOLITES
      TRANSITS

SEYCHELLES
  1305
  GS  LANDFORMS
      .ISLANDS
      .#SEYCHELLES
      NATIONS
      #SEYCHELLES
  RT  AFRICA
      INDIAN OCEAN

SEYFERT GALAXIES
  3001 3009
  GS  CELESTIAL BODIES
      .GALAXIES
      ..ACTIVE GALAXIES
      ..#SEYFERT GALAXIES
  RT  ACTIVE GALACTIC NUCLEI
      BLAZARS
      GALACTIC NUCLEI
      INFRARED RADIATION
      LINE SPECTRA
      LUMINOUS INTENSITY
      MARKARIAN GALAXIES
      SPIRAL GALAXIES
      STELLAR SPECTRA
      ULTRAVIOLET RADIATION

SFAR
  USE SOUND FIXING AND RANGING

SFERICS
  USE ATMOSPHERICS

SGEMP
  USE SYSTEM GENERATED ELECTROMAGNETIC
      PULSES

SGR (NUCLEAR REACTORS)
  USE SODIUM GRAPHITE REACTORS

SH WAVES
  1202 1203 2603 3203
  UF  HORIZONTALLY POLARIZED SHEAR WAVES
  GS  ELASTIC WAVES
      .S WAVES
      .#SH WAVES
  RT  NONDESTRUCTIVE TESTS
      SEISMIC WAVES
      TRANSVERSE WAVES
      ULTRASONIC TESTS
    % WAVES

SH-3 HELICOPTER
  0206
  UF  HSS-2 HELICOPTER
      SEA KING HELICOPTER
      SIKORSKY HSS-2 HELICOPTER
  GS  ANTISUBMARINE WARFARE AIRCRAFT
      #SH-3 HELICOPTER
      SIKORSKY AIRCRAFT
      #SH-3 HELICOPTER
      TRANSPORT AIRCRAFT
      #SH-3 HELICOPTER
      V/STOL AIRCRAFT
      .ROTARY WING AIRCRAFT
      ..HELICOPTERS
      ...MILITARY HELICOPTERS
      ...#SH-3 HELICOPTER
  RT  S-61 HELICOPTER
      SH-4 HELICOPTER

SH-4 HELICOPTER
  0206
  GS  ANTISUBMARINE WARFARE AIRCRAFT
      #SH-4 HELICOPTER
      SIKORSKY AIRCRAFT
      #SH-4 HELICOPTER
      TRANSPORT AIRCRAFT
      #SH-4 HELICOPTER
      V/STOL AIRCRAFT
      .ROTARY WING AIRCRAFT
      ..HELICOPTERS
      ...MILITARY HELICOPTERS
      ...#SH-4 HELICOPTER
  RT  S-61 HELICOPTER
      SH-3 HELICOPTER

SHACKLETON BOMBER
  0207
  GS  ATTACK AIRCRAFT
      .BOMBER AIRCRAFT
      .#SHACKLETON BOMBER
      HAWKER SIDDELEY AIRCRAFT
      #SHACKLETON BOMBER
      MONOPLANES
      #SHACKLETON BOMBER

SHADES
  0702 1002 1413
  RT  LOUVERS
      SHIELDING
    % SHUTTERS

SHADOWGRAPH PHOTOGRAPHY
  0102 1202 1203 1407 3501
  UF  SHADOWGRAPHS
      SPARK SHADOWGRAPH PHOTOGRAPHY
  GS  IMAGERY
      #SHADOWGRAPH PHOTOGRAPHY
      ..SCHLIEREN PHOTOGRAPHY
      PHOTOGRAPHY
      #SHADOWGRAPH PHOTOGRAPHY
      ..SCHLIEREN PHOTOGRAPHY
  RT  BLACK AND WHITE PHOTOGRAPHY
      COLOR PHOTOGRAPHY
      FLOW VISUALIZATION
      WIND TUNNEL MODELS

SHADOWGRAPHS
  USE SHADOWGRAPH PHOTOGRAPHY

SHADOWS
  0705 2306 2402 2902
  GS  #SHADOWS
      .LUNAR SHADOW
      .PENUMBRAS
  RT  CLOUD COVER
      CLOUDS (METEOROLOGY)
      DARKNESS
      ILLUMINATING
      LIGHT (VISIBLE RADIATION)
      NIGHT
      SELF SHADOWING
      UMBRAS

SHAFTS (MACHINE ELEMENTS)
  0202 1504
  UF  AXLES
```

JOURNALS (SHAFTS)
TRUNNIONS
GS #SHAFTS (MACHINE ELEMENTS)
.ROTATING SHAFTS
..TURBOSHAFTS
RT AXES OF ROTATION
BEARINGS
BUSHINGS
% JOURNALS
% LOADING
LOADS (FORCES)
MANDRELS
MECHANICAL DRIVES
PACKINGS (SEALS)
PINTLES
PIVOTS
ROTATING CYLINDERS
SPINDLES
SUPPORTS
TORQUE
TRANSMISSIONS (MACHINE ELEMENTS)
VEHICLE WHEELS
WHEELS

SHAKERS
0603 0905 1502 2402
RT CLASSIFIERS
MIXERS
SEPARATORS
SHAKING
SIEVES
SIZING SCREENS
VERTICAL MOTION SIMULATORS
VIBRATION SIMULATORS

SHAKING
1002 1504 2402 0401 0404 0408
GS #SHAKING
.DITHERS
RT AGITATION
BUFFETING
DISPERSING
EPILEPSY
FLAPPING
FLUTTER
MIXING
% SEPARATION
SHAKERS
STRUCTURAL VIBRATION
SUSPENDING (MIXING)
SWIRLING
VIBRATION

SHALE OIL
1805 1808
GS OILS
#SHALE OIL
RT FUEL OILS
FUELS
GASOLINE
HYDROCARBON FUELS
KEROGEN
KEROSENE
LUBRICATING OILS
PARAFFINS
RETORT PROCESSING

SHALES
1305 1306
GS ROCKS
.SEDIMENTARY ROCKS
.#SHALES
RT BOREHOLES
CLAYS
EARTH RESOURCES
MINERALS
SOILS

SHALLOW SHELL EQUATIONS
0101 0102 2308 3203
RT END PLATES
% EQUATIONS
PRESSURE VESSELS
STRESS ANALYSIS

SHALLOW SHELLS
0101 0102 2308
GS SHELLS (STRUCTURAL FORMS)
#SHALLOW SHELLS
RT CRITICAL LOADING
SHELL STABILITY
SHELL THEORY

SHALLOW WATER
1204 1310
GS WATER
#SHALLOW WATER
RT CNOIDAL WAVES
FISHERIES
OCEANOGRAPHY
OCEANS
REEFS
SEAS
SHORELINES
TOPOGRAPHY
WATER DEPTH

SHANKS
USE JOINTS (JUNCTIONS)

SHANNON INFORMATION THEORY
USE INFORMATION THEORY

SHANNON-WIENER MEASURE
0702 0703 0710
RT ENTROPY
INFORMATION THEORY
RANDOM VARIABLES

SHAPE CONTROL
2102
RT ACTUATORS
COLUMBUS SPACE STATION
% CONTROL
CONTROL THEORY
FLEXIBLE SPACECRAFT
LARGE SPACE STRUCTURES
SPACE PLATFORMS
SPACECRAFT CONTROL

SHAPE FUNCTIONS
1902
GS FUNCTIONS (MATHEMATICS)
#SHAPE FUNCTIONS
RT FINITE ELEMENT METHOD
POLYNOMIALS
STRUCTURAL ANALYSIS

SHAPE MEMORY ALLOYS
1801
GS ALLOYS
#SHAPE MEMORY ALLOYS
..NITINOL ALLOYS
RT MICROSTRUCTURE
NICKEL ALLOYS
PHASE TRANSFORMATIONS
PLASTIC MEMORY
STRESS-STRAIN DIAGRAMS
TEMPERATURE EFFECTS
TITANIUM ALLOYS
TRANSITION METALS

SHAPED CHARGES
3201 3302
GS EXPLOSIVE DEVICES
#SHAPED CHARGES
RT AMMUNITION
BOMBS (ORDNANCE)
EXPLOSIVE FORMING
EXPLOSIVES
PROJECTILES
TORPEDOES
WARHEADS
WEAPONS

```
SHAPERS
  1504
  GS    TOOLS
        .MACHINE TOOLS
        .#SHAPERS
  RT    GRINDING MACHINES
        MILLING MACHINES

SHAPES
  1902 3408
  UF    CURVED SURFACES
        FORM
  GS   #SHAPES
        .CONVEXITY
        .ELLIPTICITY
        .FLATNESS
        .LINE SHAPE
        .OGEE SHAPE
        .ROSETTE SHAPES
        .T SHAPE
  RT    ASYMMETRY
        CONCAVITY
        CONTOUR SENSORS
        CONTOURS
        CORNERS
      % CROSS SECTIONS
        CURVATURE
        CURVED PANELS
        GEOIDS
        GEOMETRY
        MORPHOLOGY
        OBLATE SPHEROIDS
        PLANFORMS
      % PROFILES
        PROFILOMETERS
        PROLATENESS
      % SURFACE GEOMETRY
        SYMMETRY
        TOPOLOGY

SHARKS
  0402
  GS    ANIMALS
        .VERTEBRATES
        ..FISHES
        ..#SHARKS

SHARP LEADING EDGES
  0101 0104 1202 1203
  GS    EDGES
        .LEADING EDGES
        .#SHARP LEADING EDGES
  RT    AIRFOILS
        FOREBODIES
        TRAILING EDGES

% SHARPNESS
  0705 0710 0902
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    CLARITY
        CONTRAST
        PRECISION

SHATTER CONES
  1306
  GS    CONES
        #SHATTER CONES
        ROCKS
        #SHATTER CONES
  RT    CARBONACEOUS ROCKS
        CRUSTAL FRACTURES
        FORMATIONS
        GEOLOGY
        GEOMORPHOLOGY
        METEORITE COLLISIONS
        METEORITE CRATERS
        SEDIMENTARY ROCKS
        SHOCK LOADS
        STRIATION
        STRUCTURAL PROPERTIES (GEOLOGY)

SHATTERING
  USE   FRAGMENTATION

SHAWNEE HELICOPTER
  USE   CH-21 HELICOPTER

% SHEAR
  1202 1504 2311 3203 3407
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    DILATATIONAL WAVES
        SHEARING
        SHEARS

SHEAR CREEP
  2311 2601 3203
  GS    MECHANICAL PROPERTIES
        .CREEP PROPERTIES
        .#SHEAR CREEP
  RT    PLASTIC DEFORMATION
        TENSILE CREEP

SHEAR DISTURBANCES
  USE   S WAVES

SHEAR FATIGUE
  USE   SHEAR STRESS

SHEAR FLOW
  1202 1203 3304
  GS    FLUID FLOW
        #SHEAR FLOW
  RT    COAXIAL FLOW
        CORE FLOW
        CREEP PROPERTIES
      % FLOW
        GRAZING FLOW
        KOLMOGOROV THEORY
        KROOK EQUATION
        MIXING LENGTH FLOW THEORY
        PLASTIC FLOW
        RICHARDSON NUMBER
        STRATIFIED FLOW

SHEAR LAYERS
  0101 0102 1202 1203
  UF    CHAPMAN SHEAR LAYER
  RT    BOUNDARY LAYERS
        EARTH IONOSPHERE
      % LAYERS
        MIXING LAYERS (FLUIDS)
        RIBLETS
        SHOCK LAYERS
        SHOCK WAVE CONTROL
      % TRANSITION LAYERS

SHEAR PROPERTIES
  1202
  GS    MECHANICAL PROPERTIES
        #SHEAR PROPERTIES
        ..SHEAR STRENGTH
  RT    CREEP PROPERTIES
        DUCTILITY
        FATIGUE (MATERIALS)
        HOOKES LAW
        HYSTERESIS
        IMPACT STRENGTH
        MODULUS OF ELASTICITY
      % PROPERTIES
        RESILIENCE
        SET
        STRESS RELAXATION
        STRESS-STRAIN DIAGRAMS
        STRESSES
        TEMPERATURE INVERSIONS
        TOUGHNESS

SHEAR STRAIN
  0101 1202 3203 3204
  RT    MECHANICAL PROPERTIES
        STRUCTURAL STRAIN
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        TORSIONAL VIBRATION

SHEAR STRENGTH
  0101 0102 1202 2601 3203
  GS    MECHANICAL PROPERTIES
        .SHEAR PROPERTIES
        .#SHEAR STRENGTH
  RT    COMPRESSIVE STRENGTH
        FIBER STRENGTH
        HIGH STRENGTH
        INTERFACIAL ENERGY
      % STRENGTH
        TENSILE STRENGTH

SHEAR STRESS
  1202
  UF    SHEAR FATIGUE
        SHEARING STRESS
  GS    STRESSES
        #SHEAR STRESS
        ..TORSIONAL STRESS
  RT    INTERLAMINAR STRESS
        MECHANICAL PROPERTIES
        TRANSVERSE LOADS

SHEAR WAVES
  USE   S WAVES

SHEARING
  1504
  GS    CUTTING
        #SHEARING
  RT    BLANKING (CUTTING)
        COLD WORKING
        FAILURE
        FAILURE MODES
        HOT WORKING
        LOADS (FORCES)
        METAL CUTTING
        METAL WORKING
      % SEPARATION
      % SHEAR
        SHEARS
        STAMPING
        STRUCTURAL STRAIN

SHEARING STRESS
  USE   SHEAR STRESS

SHEARS
  1504
  GS    CUTTERS
        #SHEARS
        TOOLS
        #SHEARS
  RT    MACHINE TOOLS
        SAWS
      % SHEAR
        SHEARING

SHEATHS
  2501 2502
  GS   #SHEATHS
        .ION SHEATHS
        .PLASMA SHEATHS
  RT % CASING
        ENCAPSULATING
        FAIRINGS
        JACKETS
        LININGS
        PROTECTORS
        ROOFS
        WALLS

SHEDDING
  1504 1507 1811
  RT    EJECTION
        MOLTING
        PEELING
        VORTEX SHEDDING

SHEDS
  1406 2202 2405
  RT    SHELTERS

SHEEP
  0402
  GS    ANIMALS
        .VERTEBRATES
        ..MAMMALS
        ..#SHEEP
  RT    LIVESTOCK
        WOOL

SHEET METAL
  USE   METAL SHEETS

SHEET MOLDING COMPOUNDS
  1809 1810 3202
  GS    MOLDING MATERIALS
        #SHEET MOLDING COMPOUNDS
  RT    COMPOSITE MATERIALS
        COMPOSITE STRUCTURES
        FIBER COMPOSITES
        GRAPHITE-EPOXY COMPOSITES
        MOLDS
        PLASTICS
        POLYMER MATRIX COMPOSITES
        RESIN MATRIX COMPOSITES
      % SHEETS
% SHEETS
  1504 1704 2304 3203
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    COATINGS
        CURRENT SHEETS
        ELASTIC SHEETS
        FABRICS
        FLAT PLATES
        LAMINATES
        MEMBRANE STRUCTURES
        MEMBRANES
        METAL FOILS
        METAL SHEETS
        MULTILAYER INSULATION
        NEUTRAL SHEETS
        PANELS
        PAPERS
        POLYMERIC FILMS
        SHEET MOLDING COMPOUNDS
        THICK PLATES
        THIN PLATES
        VORTEX SHEETS
        VORTEX STREETS
        WEBS (SHEETS)

SHELL ANODES
  0604
  GS    ELECTRODES
        .ANODES
        .#SHELL ANODES
  RT    HEAT MEASUREMENT

SHELL GALAXIES
  3001 3009
  GS    CELESTIAL BODIES
        .GALAXIES
        .#SHELL GALAXIES
  RT    ELLIPTICAL GALAXIES
        GALACTIC STRUCTURE
        INTERACTING GALAXIES

SHELL STABILITY
  0102 3203
  GS    MECHANICAL PROPERTIES
        .DIMENSIONAL STABILITY
        ..STRUCTURAL STABILITY
        ..#SHELL STABILITY
        STABILITY
        .STATIC STABILITY
        ..DIMENSIONAL STABILITY
        ...STRUCTURAL STABILITY
        ...#SHELL STABILITY
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  RT   BUCKLING
       FLUID FILLED SHELLS
       LIQUID FILLED SHELLS
       ORTHOTROPIC SHELLS
       PLASTIC SHELLS
       REINFORCED SHELLS
       SHALLOW SHELLS

SHELL STARS
  3001 3009
  GS   CELESTIAL BODIES
       .STARS
       ..PECULIAR STARS
       ..#SHELL STARS
  RT   STELLAR ENVELOPES

SHELL THEORY
  2401 2405
  RT   PERFORATED SHELLS
       SELF CONSISTENT FIELDS
       SHALLOW SHELLS
     % THEORIES

SHELLFISH
  0402
  RT   COASTAL WATER
       MARINE BIOLOGY
       MARINE ENVIRONMENTS
       MARINE RESOURCES
       MOLLUSKS

SHELLS (STRUCTURAL FORMS)
  1504 1902 2311 2405 3202 3203
  GS  #SHELLS (STRUCTURAL FORMS)
       .ANISOTROPIC SHELLS
       .CIRCULAR SHELLS
       .CONICAL SHELLS
       .CORRUGATED SHELLS
       .CYLINDRICAL SHELLS
       .DOMES (STRUCTURAL FORMS)
       ..RADOMES
       .ELASTIC SHELLS
       .FLUID FILLED SHELLS
       ..LIQUID FILLED SHELLS
       .HEMISPHERICAL SHELLS
       .METAL SHELLS
       .ORTHOTROPIC SHELLS
       .PERFORATED SHELLS
       .PLASTIC SHELLS
       .REINFORCED SHELLS
       .SHALLOW SHELLS
       .SPHERICAL SHELLS
       ..SPHERICAL CAPS
       .THIN WALLED SHELLS
       .TOROIDAL SHELLS
  RT   AIRCRAFT STRUCTURES
       ARCHES
       BAYS (STRUCTURAL UNITS)
     % CAPSULES
       COVERINGS
       COWLINGS
       ENCLOSURES
       FAIRINGS
       HOUSINGS
       HULLS (STRUCTURES)
       ISOTENSOID STRUCTURES
       MEMBRANE STRUCTURES
       MEMBRANES
       MONOCOQUE STRUCTURES
       NACELLES
       PRESSURE VESSEL DESIGN
       PROTUBERANCES
       ROCKET ENGINE CASES
       SKIN (STRUCTURAL MEMBER)
       WALLS

SHELTERS
  0507 3401 3404
  GS  #SHELTERS
       .LUNAR SHELTERS
  RT   BUILDINGS
       CIVIL DEFENSE
       ENVIRONMENTAL ENGINEERING
       HABITABILITY
       SHEDS
       STARSITE PROGRAM
       SURVIVAL

% SHELVES
  1305 1103 1305 1306
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   BEDROCK
       CASES (CONTAINERS)
       CLIFFS
       CONTINENTAL SHELVES
       RACKS (FRAMES)
       REEFS

SHENANDOAH VALLEY (VA)
  1305
  GS   VALLEYS
       #SHENANDOAH VALLEY (VA)
  RT   RIVER BASINS
       VIRGINIA

SHERGOTTITES
  1306 3005
  GS   CELESTIAL BODIES
       .METEORITES
       ..STONY METEORITES
       ...ACHONDRITES
       ...#SHERGOTTITES
  RT   CHASSIGNITES
       NAKHLITES

SHIELDING
  2202 3303 3305 3407 3501
  GS  #SHIELDING
       .ELECTROMAGNETIC SHIELDING
       ..RADIO FREQUENCY SHIELDING
       .ELECTROSTATIC SHIELDING
       .HEAT SHIELDING
       ..REENTRY SHIELDING
       ..REUSABLE HEAT SHIELDING
       .MAGNETIC SHIELDING
       .RADIATION SHIELDING
       ..SOLAR RADIATION SHIELDING
       .SPACECRAFT SHIELDING
  RT   ABLATIVE NOSE CONES
       ABSORBERS (MATERIALS)
       ARMOR
       ATTENUATION
       ATTENUATORS
       BAFFLES
     % BARRIERS
       BLAST DEFLECTORS
       BLINDS
       DEFLECTORS
       DIVERTERS
       ENCLOSURES
       FLAME DEFLECTORS
       GUARDS (SHIELDS)
       HOUSINGS
       LININGS
       LOUVERS
       MANIPULATORS
       PANELS
       PROTECTION
       PROTECTORS
       SAFETY DEVICES
     % SCREENS
       SHADES
       SUPPRESSORS
       WINDOWS (APERTURES)
       WINDSHIELDS

SHIELDS (GEOLOGY)
  USE  BEDROCK

% SHIFT
  0802 1201 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
```

LISTED BELOW)
RT EXCHANGING
FREQUENCY SHIFT
PHASE SHIFT
SHIFT REGISTERS
TRANSFERRING

SHIFT REGISTERS
0801 0905 1002 1003 1201
RT COMPUTER COMPONENTS
COMPUTER STORAGE DEVICES
DELAY LINES (COMPUTER STORAGE)
DIGITAL TECHNIQUES
REGISTERS (COMPUTERS)
% SHIFT

SHIFTING EQUILIBRIUM FLOW
1202 1203
GS FLUID FLOW
.GAS FLOW
..EQUILIBRIUM FLOW
..#SHIFTING EQUILIBRIUM FLOW
RT FROZEN EQUILIBRIUM FLOW

SHILLELAGH MISSILES
3101 3401
GS MISSILES
.SURFACE TO SURFACE MISSILES
..ANTITANK MISSILES
..#SHILLELAGH MISSILES

SHIP HULLS
1202 1204 3202 3401
GS HULLS (STRUCTURES)
#SHIP HULLS
RT HYDRODYNAMIC COEFFICIENTS
HYDRODYNAMICS
SHIPS
STRUCTURAL DESIGN
SUBMARINES

SHIP TERMINALS
1102 1305 3404 1310
GS TERMINAL FACILITIES
#SHIP TERMINALS
RT ARTIFICIAL HARBORS
DEEPWATER TERMINALS
HARBORS
MAROTS (ESA)
OFFSHORE DOCKING
TANKER TERMINALS
% TERMINALS
WHARVES

SHIP TO SHORE COMMUNICATION
0702
GS TELECOMMUNICATION
.COMMUNICATION
.#SHIP TO SHORE COMMUNICATION
RT DATA TRANSMISSION
RADIO COMMUNICATION
SHIPS
TELEMETRY

SHIPS
1104 1204 3401
GS WATER VEHICLES
#SHIPS
..ADVANCED RANGE INSTRUMENTATION SHIP
..AIRCRAFT CARRIERS
..CARGO SHIPS
...SAVANNAH NUCLEAR SHIP
...TANKER SHIPS
..NUCLEAR POWERED SHIPS
...SAVANNAH NUCLEAR SHIP
..SATELLITE COMMUNICATIONS SHIPS
..SUBMARINES
...BALLISTIC MISSILE SUBMARINES
...GUIDED MISSILE SUBMARINES
...TRIDENT SUBMARINE
..SURFACE EFFECT SHIPS
..SWATH (SHIP)
RT AMPHIBIOUS VEHICLES
ANTISHIP MISSILES
ANTISHIP WARFARE
BOATS
HARBORS
HYDROFOIL CRAFT
HYDROFOILS
KEELS
MARINE TRANSPORTATION
% MILITARY VEHICLES
NAVY
OCEAN DATA ACQUISITIONS SYSTEMS
PROPELLERS
RESEARCH VEHICLES
SHIP HULLS
SHIP TO SHORE COMMUNICATION
SHIPYARDS
SURFACE NAVIGATION
SURFACE VEHICLES
% TRANSPORT VEHICLES
TRANSPORTATION ENERGY
UNDERWATER VEHICLES
% VESSELS

SHIPYARDS
3404
RT CARGO SHIPS
CONSTRUCTION
ENCLOSURES
INDUSTRIAL AREAS
INDUSTRIES
LOGISTICS
MAINTENANCE
OCEANOGRAPHY
% PORTS
SHIPS
TANKER SHIPS
WATER VEHICLES

SHIVA LASER SYSTEM
1601
GS STIMULATED EMISSION DEVICES
.LASERS
..HIGH POWER LASERS
..#SHIVA LASER SYSTEM
RT COHERENT LIGHT
LASER FUSION
LASER OUTPUTS
NOVA LASER SYSTEM
% SYSTEMS

SHIVERING
0405 0408
GS #SHIVERING
.DITHERS
RT BODY TEMPERATURE

SHOALS
1305 1306
GS WATER
#SHOALS
RT BEACHES
LAKES
OCEANOGRAPHY
OCEANS
REEFS
RIVERS
SEAS
WATER DEPTH

% SHOCK
3203 3303 3304 3501
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT CONVULSIONS
MECHANICAL SHOCK
SHOCK (PHYSIOLOGY)
SHOCK RESISTANCE
THERMAL SHOCK

SHOCK (PHYSIOLOGY)

```
  0403
  RT    HUMAN REACTIONS
        HUMAN TOLERANCES
        PHYSIOLOGICAL EFFECTS
        PHYSIOLOGY
     % SHOCK

SHOCK ABSORBERS
  0202 0203 1504 3201
  RT % ABSORBERS
        ABSORBERS (EQUIPMENT)
        CUSHIONS
        DAMPING
        ENERGY ABSORPTION
        HYDRAULIC EQUIPMENT
        IMPACT
        IMPACT ACCELERATION
        ISOLATORS
        LANDING GEAR
        MECHANICAL SHOCK
        PNEUMATIC EQUIPMENT
        SILENCERS
        SPRINGS (ELASTIC)
        SUSPENSION SYSTEMS (VEHICLES)
        VIBRATION DAMPING
        VIBRATION ISOLATORS

SHOCK DIFFUSERS
  USE   DIFFUSERS
        SHOCK WAVE ATTENUATION

SHOCK DISCONTINUITY
  1202 1203 3203
  GS    DISCONTINUITY
        #SHOCK DISCONTINUITY
  RT    DENSITY DISTRIBUTION
        WAVE FRONTS

SHOCK FRONTS
  1202 1203
  GS    WAVE FRONTS
        #SHOCK FRONTS
  RT % FRONTS
        MAGNETOSHEATH
        WAVE PROPAGATION
        WAVE SCATTERING

SHOCK HEATING
  0602 0603 2502 3303 3501
  GS    HEATING
        .KINETIC HEATING
        ..AERODYNAMIC HEATING
        ..#SHOCK HEATING
        .TRANSIENT HEATING
        .#SHOCK HEATING
  RT    MAGNETOHYDRODYNAMIC SHEAR HEATING
        PLASMA HEATING

SHOCK LAYERS
  1202 1203 3203
  RT % LAYERS
        NORMAL SHOCK WAVES
        OBLIQUE SHOCK WAVES
        SHEAR LAYERS
        STRESS WAVES
     % TRANSITION LAYERS

SHOCK LOADS
  1202 3201 3203
  GS    LOADS (FORCES)
        .DYNAMIC LOADS
        ..TRANSIENT LOADS
        ..#SHOCK LOADS
        ....BLAST LOADS
  RT    AERODYNAMIC LOADS
        AXIAL COMPRESSION LOADS
        COMPRESSION LOADS
        CONTACT LOADS
        CRUSTAL FRACTURES
        IMPACT LOADS
        LANDING LOADS
        SHATTER CONES
        STRUCTURAL DESIGN CRITERIA

SHOCK MEASURING INSTRUMENTS
  1406 3203 3501
  GS    MEASURING INSTRUMENTS
        #SHOCK MEASURING INSTRUMENTS
  RT    ACCELEROMETERS
        PRESSURE GAGES
        SEISMOGRAPHS
        STRAIN GAGES

SHOCK RESISTANCE
  2308
  GS   #SHOCK RESISTANCE
        .IMPACT RESISTANCE
  RT    EARTHQUAKE RESISTANCE
        HIGH ACCELERATION
        IMPACT
        MECHANICAL PROPERTIES
        MECHANICAL SHOCK
        PROPELLANT SENSITIVITY
     % RESISTANCE
        SENSITIVITY
     % SHOCK
        THERMAL SHOCK
        VIBRATION

SHOCK SIMULATORS
  1107 1202 3201 3501
  GS    SIMULATORS
        #SHOCK SIMULATORS
  RT    VERTICAL MOTION SIMULATORS
        VIBRATION SIMULATORS

SHOCK SPECTRA
  1202 2308 3203
  GS    SPECTRA
        #SHOCK SPECTRA
  RT    DYNAMIC STRUCTURAL ANALYSIS
        ENERGY SPECTRA
        MECHANICAL SHOCK
        NOISE SPECTRA
        STROKING TESTS
        STRUCTURAL DESIGN
        STRUCTURAL VIBRATION

SHOCK TESTS
  1108 1406 1504 3203 3501
  RT    DROP TESTS
        IMPACT TESTS
        LOAD TESTS
        RAILROAD HUMPING TESTS
     % TESTS
        VIBRATION TESTS

SHOCK TUBES
  1108 1201 1203 3501
  GS    SHOCK WAVE GENERATORS
        #SHOCK TUBES
        ..MAGNETIC ANNULAR SHOCK TUBES
        ..SHOCK TUNNELS
  RT    GAS TEMPERATURE
        HOTSHOT WIND TUNNELS
        HYPERSONIC FLOW
        HYPERSONIC WIND TUNNELS
        HYPERVELOCITY WIND TUNNELS
        LOW DENSITY RESEARCH
        LOW DENSITY WIND TUNNELS
        MAGNETIC PISTONS
        TEST FACILITIES
        TUBE LASERS
     % TUBES

SHOCK TUNNELS
  0201 1110 1203 3501
  GS    SHOCK WAVE GENERATORS
        .SHOCK TUBES
        .#SHOCK TUNNELS
        TEST FACILITIES
        .WIND TUNNELS
        ..HYPERSONIC WIND TUNNELS
        ..#SHOCK TUNNELS
        ..HYPERVELOCITY WIND TUNNELS
```

..#SHOCK TUNNELS
RT CASCADE WIND TUNNELS
HOTSHOT WIND TUNNELS
HYPERSONIC FLOW
LOW DENSITY RESEARCH
LOW DENSITY WIND TUNNELS
SUPERSONIC WIND TUNNELS

SHOCK WAVE ATTENUATION
1202 1203 3201 3203
UF SHOCK DIFFUSERS
GS ATTENUATION
.WAVE ATTENUATION
..ACOUSTIC ATTENUATION
..#SHOCK WAVE ATTENUATION
RT ATMOSPHERIC ATTENUATION
NOISE REDUCTION
WAVE PROPAGATION

SHOCK WAVE CONTROL
1202 1203 3201 3203 3404
RT % CONTROL
SECONDARY INJECTION
SHEAR LAYERS

SHOCK WAVE GENERATORS
1202 1203 2501
GS #SHOCK WAVE GENERATORS
.SHOCK TUBES
..MAGNETIC ANNULAR SHOCK TUBES
..SHOCK TUNNELS
RT % GENERATORS
MAGNETIC PISTONS
PRESSURE SENSORS
PULSE GENERATORS
WAVE GENERATION

SHOCK WAVE INTERACTION
1202 1203 3203
GS WAVE INTERACTION
#SHOCK WAVE INTERACTION
RT % INTERACTIONS
PROPAGATION MODES
SCATTERING
WAVE DEGRADATION

SHOCK WAVE LUMINESCENCE
0605 1202 1203 3203
GS EMISSION
.LIGHT EMISSION
..LUMINESCENCE
..#SHOCK WAVE LUMINESCENCE
RT LOW DENSITY RESEARCH
WAVE INTERACTION

SHOCK WAVE PROFILES
1202 1203 1413 3202 3203
RT KROOK EQUATION
PRESSURE DISTRIBUTION
% PROFILES
VELOCITY DISTRIBUTION
WAVE INTERACTION

SHOCK WAVE PROPAGATION
1202 1203 3203
GS TRANSMISSION
.WAVE PROPAGATION
.#SHOCK WAVE PROPAGATION
RT ATMOSPHERIC ATTENUATION
BURGER EQUATION
CROCCO METHOD
HIGH TEMPERATURE GASES
NONEQUILIBRIUM RADIATION
RANKINE-HUGONIOT RELATION
SECONDARY INJECTION
SOUND PROPAGATION
TWO FLUID MODELS
WAVE ATTENUATION
WAVE INTERACTION

SHOCK WAVES
0101 0203 1202
UF BOW SHOCK WAVES
GS ELASTIC WAVES
#SHOCK WAVES
..DETONATION WAVES
..MACH CONES
..NORMAL SHOCK WAVES
..OBLIQUE SHOCK WAVES
..RIEMANN WAVES
..SONIC BOOMS
RT ADIABATIC EQUATIONS
AERODYNAMIC NOISE
BLAST LOADS
% BLASTS
BOW WAVES
CAUSTIC LINES
CRUSTAL FRACTURES
DETONATION
EARTHQUAKE DAMAGE
EARTHQUAKE RESISTANCE
EARTHQUAKE RESISTANT STRUCTURES
EARTHQUAKES
ELECTROSTATIC WAVES
EXPLODING WIRES
EXPLOSIONS
GAS TEMPERATURE
GEODYNAMICS
HUGONIOT EQUATION OF STATE
HYPERSONIC FLOW
HYPERSONIC SHOCK
HYPERSONIC WAKES
IMPACT
IMPLOSIONS
LONGITUDINAL WAVES
MACH NUMBER
MACH REFLECTION
MAGNETOHYDRODYNAMIC WAVES
MECHANICAL SHOCK
MOLECULAR RELAXATION
NOISE (SOUND)
NOVAE
PLANE WAVES
PLANETARY QUAKES
PLASMA WAVES
PLUMES
PRESSURE PULSES
SEISMIC WAVES
SOUND PRESSURE
SOUND WAVES
STRESS WAVES
SUPERSONIC FLOW
% TRANSITION LAYERS
TRANSONIC FLOW
TSUNAMI WAVES
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION
% WAVES
WEDGE FLOW
WHITHAM RULE

SHOES
0508
GS CLOTHING
#SHOES
RT BOOTS (FOOTWEAR)
LEATHER
PROTECTIVE CLOTHING
SOCKS

SHOOTING STAR AIRCRAFT
USE T-33 AIRCRAFT

SHOPS
1507 3406
RT MAINTENANCE

SHORAN
1904 2102 2103
UF SHORT RANGE NAVIGATION
GS NAVIGATION
.RADIO NAVIGATION
..HYPERBOLIC NAVIGATION
..#SHORAN
RT AIR NAVIGATION

```
      DECCA NAVIGATION
      DISTANCE MEASURING EQUIPMENT
      NAVIGATION AIDS
      SOLAR COMPASSES

SHORELINES
  1305 1306
  RT  BEACHES
      COASTAL WATER
      COASTS
      LAKES
      OCEANOGRAPHY
      OCEANS
      RIVERS
      SHALLOW WATER
      TIDAL FLATS
      WETLANDS

SHORT BELFAST C MK-1 AIRCRAFT
  USE  SC-5 AIRCRAFT

SHORT CIRCUIT CURRENTS
  0906
  GS  ELECTRIC CURRENT
      #SHORT CIRCUIT CURRENTS
  RT  OPEN CIRCUIT VOLTAGE
      PHOTOVOLTAIC CELLS
      SHORT CIRCUITS
      SOLAR CELLS
      VOLT-AMPERE CHARACTERISTICS

SHORT CIRCUITS
  0902 1001 1002 1505
  GS  ELECTRICAL FAULTS
      #SHORT CIRCUITS
  RT  CIRCUITS
      ELECTRIC ARCS
      FAILURE
      JUMPERS
      SHORT CIRCUIT CURRENTS
      SNEAK CIRCUIT ANALYSIS
      SYSTEM FAILURES

SHORT CRACKS
  1704 2601
  GS  FRACTURES (MATERIALS)
      .CRACKS
      .#SHORT CRACKS
  RT  CRACK GEOMETRY
      CRACK INITIATION
      CRACK PROPAGATION
      FATIGUE LIFE
      FRACTURE MECHANICS
      METAL FATIGUE

SHORT HAUL AIRCRAFT
  0201 3404
  GS  TRANSPORT AIRCRAFT
      #SHORT HAUL AIRCRAFT
      ..C-8A AUGMENTOR WING AIRCRAFT
      ..CESSNA 402B AIRCRAFT
      ..EUROPEAN AIRBUS
      ...A-300 AIRCRAFT
      ...A-310 AIRCRAFT
      ...A-320 AIRCRAFT
      ..MERCURE AIRCRAFT
  RT  AIR TRANSPORTATION
    % AIRCRAFT
      AIRCRAFT DESIGN
      AIRLINE OPERATIONS
      PASSENGER AIRCRAFT
      V/STOL AIRCRAFT

SHORT RANGE BALLISTIC MISSILES
  3006 3101 3401
  GS  MISSILES
      .BALLISTIC MISSILES
      .#SHORT RANGE BALLISTIC MISSILES
      .SURFACE TO SURFACE MISSILES
      .#SHORT RANGE BALLISTIC MISSILES
  RT  FIELD ARMY BALLISTIC MISSILES
      INTERMEDIATE RANGE BALLISTIC
      MISSILES

SHORT RANGE NAVIGATION
  USE  SHORAN

SHORT SC-1 AIRCRAFT
  USE  SC-1 AIRCRAFT

SHORT SC-5 AIRCRAFT
  USE  SC-5 AIRCRAFT

SHORT SC-7 AIRCRAFT
  USE  SC-7 AIRCRAFT

SHORT TAKEOFF & VERTICAL LANDING AIRCRAFT
  USE  STOVL AIRCRAFT

SHORT TAKEOFF AIRCRAFT
  0201 0204 0207
  UF  STOL AIRCRAFT
  GS  V/STOL AIRCRAFT
      #SHORT TAKEOFF AIRCRAFT
      ..ALADIN 2 AIRCRAFT
      ..BREGUET 940 AIRCRAFT
      ..BREGUET 941 AIRCRAFT
      ..C-8A AUGMENTOR WING AIRCRAFT
      ..C-15 AIRCRAFT
      ..C-123 AIRCRAFT
      ..DHC 4 AIRCRAFT
      ..DHC 5 AIRCRAFT
      ..QUESTOL AIRCRAFT
      ..U-10 AIRCRAFT
  RT % AIRCRAFT
      CIRCULATION CONTROL AIRFOILS
      COMPOUND HELICOPTERS
      EXTERNALLY BLOWN FLAPS
      FAN IN WING AIRCRAFT
      HELICOPTERS
      JATO ENGINES
      JET AIRCRAFT
      JET FLAPS
      LIFT FANS
      LIFTING ROTORS
    % MILITARY AIRCRAFT
      POWERED LIFT AIRCRAFT
      ROTARY WING AIRCRAFT
      SIEBEL AIRCRAFT
      STOVL AIRCRAFT
    % SUBSONIC AIRCRAFT
      TAKEOFF RUNS
      TILT WING AIRCRAFT
      VERTICAL TAKEOFF AIRCRAFT
    % WINGED VEHICLES

SHORT WAVE RADIATION
  2402 2902 2903
  SN  (RADIO WAVES)
  GS  ELECTROMAGNETIC RADIATION
      .RADIO WAVES
      .#SHORT WAVE RADIATION
      ...MICROWAVES
      ....CENTIMETER WAVES
      ....DECIMETER WAVES
      ....MICROWAVE EMISSION
      ....MILLIMETER WAVES
      ...SUBMILLIMETER WAVES
  RT  FAR INFRARED RADIATION
      HIGH FREQUENCIES
      LONG WAVE RADIATION
      MONOCHROMATIC RADIATION
    % RADIATION

SHORT WAVE RADIO TRANSMISSION
  0703 0710 2402
  GS  TRANSMISSION
      .ELECTROMAGNETIC WAVE TRANSMISSION
      ..RADIO TRANSMISSION
      ..#SHORT WAVE RADIO TRANSMISSION
      .SIGNAL TRANSMISSION
      ..RADIO TRANSMISSION
      ..#SHORT WAVE RADIO TRANSMISSION
  RT  HIGH FREQUENCIES
      WAVE PROPAGATION
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```
SHORTENING
  USE   REDUCTION

% SHOT
  3102 3106 3409
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    AMMUNITION
        LAUNCHING
        ORBITAL SHOTS
        PELLETS
        SHOT NOISE
        SHOT PEENING

SHOT NOISE
  0704 0705
  GS    ELECTROMAGNETIC INTERFERENCE
        .RADIO FREQUENCY INTERFERENCE
        ..ELECTROMAGNETIC NOISE
        ..#SHOT NOISE
  RT    BARRITT DIODES
      % SHOT
        THERMAL NOISE

SHOT PEENING
  1504 1704 3203
  GS    HARDENING (MATERIALS)
        #SHOT PEENING
        METAL FINISHING
        .PEENING
        .#SHOT PEENING
  RT    COLD WORKING
        DESCALING
        FATIGUE (MATERIALS)
        METAL WORKING
      % SHOT
        STRAIN HARDENING
        SURFACE FINISHING
        WORK HARDENING

SHOULDERS
  0404 0405
  RT    JOINTS (ANATOMY)
        SCAPULA

% SHOWERS
  1308 2003 2901
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    COSMIC RAY SHOWERS
        FLOOD PREDICTIONS
        METEOROID SHOWERS
        RAIN
        RAIN FORESTS
        RAINSTORMS

SHRAPNEL
  1704 3302 3401
  RT    FRAGMENTATION
        FRAGMENTS
        PROJECTILES
        WEAPONS

SHREDDING
  1504 3407
  GS    COMMINUTION
        #SHREDDING
  RT    COMPOSTING
        CUTTING
        TEARING

SHRIKE MISSILE
  3101 3401
  GS    MISSILES
        .AIR TO SURFACE MISSILES
        .#SHRIKE MISSILE
  RT    SOLID PROPELLANT ROCKET ENGINES

SHRINKAGE
  1504 3203 3304
  RT    CASTING
        CONTRACTION
        GROWTH
      % REDUCTION
        SINTERING
        TEMPERATURE INVERSIONS
        WARPAGE

SHROUDED BODIES
  USE   SHROUDS

SHROUDED NOZZLES
  1201 1504 2806 2808 3501
  RT    ANNULAR NOZZLES
        NOZZLE GEOMETRY
        NOZZLE WALLS
      % NOZZLES

SHROUDED PROPELLERS
  0104 2802
  UF    DUCTED PROPELLERS
  GS    PROPELLERS
        #SHROUDED PROPELLERS
  RT    DUCTED FANS
        RING WINGS
        THRUST AUGMENTATION
        XV-11A AIRCRAFT

SHROUDED TURBINES
  0104 0303 1504
  GS    TURBOMACHINERY
        .TURBINES
        .#SHROUDED TURBINES

SHROUDS
  1103
  UF    SHROUDED BODIES
  RT    COVERINGS
        DUCTED BODIES
        RIGGING

SHUNTS
  USE   BYPASSES
        CIRCUITS

SHUTDOWNS
  0201 2801
  RT    DEACTIVATION
        ENGINES
      % SCRAM

% SHUTTERS
  1407 1412
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    BLINDS
        CAMERA SHUTTERS
        LOUVERS
        SHADES

SHUTTLE AVIONICS INTEGRATION LABORATORY
  USE   SAIL PROJECT

SHUTTLE BOOSTERS
  USE   SPACE SHUTTLE BOOSTERS

SHUTTLE DERIVED VEHICLES
  3104 0205
  UF    SDV
  RT    ADVANCED LAUNCH SYSTEM (STS)
        MANNED SPACECRAFT
        SPACE SHUTTLE ORBITERS
        SPACE SHUTTLES
      % SPACECRAFT
        SPACECRAFT DESIGN

SHUTTLE ENGINEERING SIMULATOR
  0502
  UF    SES (SHUTTLE)
  GS    SIMULATORS
        #SHUTTLE ENGINEERING SIMULATOR
```

```
  RT   SPACE SHUTTLES

SHUTTLE GLOW
  USE  SPACECRAFT GLOW

SHUTTLE IMAGING RADAR
  0705
  UF   SIR-A
       SIR-B
  GS   PAYLOADS
       #SHUTTLE IMAGING RADAR
  RT   RADAR GEOLOGY
       RADAR IMAGERY
       REMOTE SENSING
       SPACE SHUTTLE PAYLOADS
       SYNTHETIC APERTURE RADAR

SHUTTLE MISSION SIMULATOR
  1902
  UF   SMS (SHUTTLE)
  GS   SIMULATORS
       #SHUTTLE MISSION SIMULATOR
  RT   SHUTTLE MISSION SIMULATOR

SHUTTLE ORBITERS
  USE  SPACE SHUTTLE ORBITERS

SHUTTLE PALLET SATELLITES
  3109
  UF   SPAS (ESA PLATFORMS)
  GS   ARTIFICIAL SATELLITES
       #SHUTTLE PALLET SATELLITES
  RT   SPACE SHUTTLES

SI
  USE  INTERNATIONAL SYSTEM OF UNITS

SIALON
  1501
  GS   MIXTURES
       #SIALON
  RT   ALUMINUM
       CERAMICS
       HIGH TEMPERATURE
       NITROGEN
       OXYGEN
       REACTION BONDING
       REFRACTORY MATERIALS
       SILICON NITRIDES
       SINTERING

SIAM MISSILES
  3101
  UF   SELF INITIATED ANTIAIRCRAFT
       MISSILES
  GS   MISSILES
       .ANTIAIRCRAFT MISSILES
       .#SIAM MISSILES
  RT   AIR TO AIR MISSILES
       ANTIMISSILE MISSILES

SIBERIA
  1305
  RT   ARCTIC REGIONS
       ASIA
       U.S.S.R.

SIC (COEFFICIENT)
  USE  STRUCTURAL INFLUENCE COEFFICIENTS

SICILY
  1305
  GS   LANDFORMS
       .ISLANDS
       .#SICILY
  RT   ITALY
       MEDITERRANEAN SEA

SICKNESSES
  0401 0405 0408
  GS  #SICKNESSES
       .ALTITUDE SICKNESS
       .DECOMPRESSION SICKNESS

SID (IONOSPHERIC DISTURBANCES)
  USE  SUDDEN IONOSPHERIC DISTURBANCES

SIDE INLETS
  0101 0201 1202 1203
  GS   INTAKE SYSTEMS
       #SIDE INLETS
  RT   AIR INTAKES
       BYPASS RATIO
       HYPERSONIC INLETS
       INLET AIRFRAME CONFIGURATIONS
       NOSE INLETS
       SCOOPS
       SUPERSONIC INLETS
     % WATER INTAKES

SIDE-LOOKING RADAR
  0207 0705 1402 1410 3401
  GS   RADAR
       .SYNTHETIC APERTURE RADAR
       .#SIDE-LOOKING RADAR
  RT   AIRBORNE RADAR
       CHANGE DETECTION
       IMAGING RADAR
       RADAR IMAGERY
       RADAR SCANNING
       SEARCH RADAR

SIDEBANDS
  0705 0710 2309
  RT % BANDS
       DOUBLE SIDEBAND TRANSMISSION
       SELECTIVE FADING
       SINGLE SIDEBAND TRANSMISSION

SIDELOBE REDUCTION
  0702 0705 0710
  GS   ATTENUATION
       #SIDELOBE REDUCTION
  RT   HORN ANTENNAS
       RADAR ANTENNAS
       RADAR ATTENUATION
       RADAR RECEPTION
       RADAR REFLECTORS
       RADAR RESOLUTION
     % REDUCTION
       SIDELOBES

SIDELOBES
  0705 0710 2309
  GS   DISTRIBUTION (PROPERTY)
       .RADIATION DISTRIBUTION
       ..ANTENNA RADIATION PATTERNS
       ..#SIDELOBES
  RT   ANTENNA DESIGN
     % LOBES
       NEAR FIELDS
       SIDELOBE REDUCTION

SIDEREAL TIME
  1406 2311 3009
  GS   TIME
       #SIDEREAL TIME
  RT   ASTRONOMY
       EARTH ROTATION
       STELLAR MOTIONS
       TIME MEASUREMENT
       UNITS OF MEASUREMENT

SIDERITE METEORITES
  USE  IRON METEORITES

SIDERITES
  1806
  GS   CARBON COMPOUNDS
       .CARBONATES
       .#SIDERITES
       IRON COMPOUNDS
       #SIDERITES
       MINERALS
       #SIDERITES
```

```
SIDES
  1902 3203
  RT   EDGES
       GEOMETRY
       RIMS
       WALLS

SIDESLIP
  0101 0102
  GS   MANEUVERS
       #SIDESLIP
  RT   ROLL
       SKIDDING
     % SLIP
       SPACECRAFT MOTION
       YAW

SIDEWASH
  USE  BACKWASH

SIDEWINDER MISSILES
  3101 3401
  GS   MISSILES
       .AIR TO AIR MISSILES
       .#SIDEWINDER MISSILES
       .ANTIAIRCRAFT MISSILES
       .#SIDEWINDER MISSILES

SIEBEL AIRCRAFT
  0201 0204
  RT % AIRCRAFT
       SHORT TAKEOFF AIRCRAFT

SIEMENS 2002 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       .#SIEMENS 2002 COMPUTER

SIERRA LEONE
  1305
  GS   NATIONS
       #SIERRA LEONE
  RT   AFRICA

SIERRA NEVADA MOUNTAINS (CA)
  1305
  GS   LANDFORMS
       .MOUNTAINS
       .#SIERRA NEVADA MOUNTAINS (CA)
  RT   CALIFORNIA

SIEVES
  0602 2303 2404
  GS   SEPARATORS
       #SIEVES
  RT   FLUID FILTERS
       SHAKERS
       SIZING SCREENS
       WIRE CLOTH

SIGHT
  USE  VISUAL PERCEPTION

SIGMA COMPUTERS
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ..#SIGMA COMPUTERS
       ....SIGMA 9 COMPUTER

SIGMA ORIONIS
  3001 3002
  GS   CELESTIAL BODIES
       .STARS
       ..DOUBLE STARS
       ...BINARY STARS
       ...#SIGMA ORIONIS
       ..EARLY STARS
       ...HOT STARS
       ....B STARS
       ....#SIGMA ORIONIS
       ..PECULIAR STARS
       ..#SIGMA ORIONIS
  RT   ORION CONSTELLATION
       STELLAR SYSTEMS

SIGMA 5 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..ANALOG COMPUTERS
       ..#SIGMA 5 COMPUTER
       ..DIGITAL COMPUTERS
       ..#SIGMA 5 COMPUTER

SIGMA 7
  3104 3409
  GS   MANNED SPACECRAFT
       .MERCURY SPACECRAFT
       .#SIGMA 7
       REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       ..MERCURY SPACECRAFT
       ..#SIGMA 7
       SOFT LANDING SPACECRAFT
       .MERCURY SPACECRAFT
       .#SIGMA 7
       SPACE CAPSULES
       .MERCURY SPACECRAFT
       .#SIGMA 7
  RT   MERCURY MA-8 FLIGHT

SIGMA 9 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...SIGMA COMPUTERS
       ...#SIGMA 9 COMPUTER

SIGMA-MESONS
  2403 2405
  GS   PARTICLES
       .ELEMENTARY PARTICLES
       ..BOSONS
       ...MESONS
       ....VECTOR MESONS
       ....#SIGMA-MESONS
       ..FERMIONS
       ...BARYONS
       ...#SIGMA-MESONS
       ..HADRONS
       ...BARYONS
       ...#SIGMA-MESONS
       ...MESONS
       ....VECTOR MESONS
       ....#SIGMA-MESONS
       .NUCLEAR PARTICLES
       ..BOSONS
       ...MESONS
       ....VECTOR MESONS
       ....#SIGMA-MESONS
  RT   CHARGED PARTICLES
       ETA-MESONS

SIGNAL ANALYSIS
  0702 0705 0708 0803 1409
  GS   DATA PROCESSING
       #SIGNAL ANALYSIS
       ..CEPSTRAL ANALYSIS
  RT % ANALYZING
       DIGITAL RADAR SYSTEMS
       FREQUENCY ANALYZERS
       PHASE DEVIATION
       SIGNAL MEASUREMENT
       SPECTRUM ANALYSIS
       WAVELET ANALYSIS

SIGNAL ANALYZERS
  0701 0705 0905
  GS   MEASURING INSTRUMENTS
       .ANALYZERS
```

```
      .#SIGNAL ANALYZERS
  RT  ANALOG COMPUTERS
      AUTODYNES

SIGNAL DETECTION
  0701 0702 0703 0705 0710 0905
  GS  DETECTION
      #SIGNAL DETECTION
      ..CORRELATION DETECTION
  RT  AUTODYNES
    % DETECTORS
      DISCRIMINATION
      DYNAMIC RANGE
      PHASE DETECTORS
      PREAMPLIFIERS
      RADAR DETECTION
      SIGNAL MEASUREMENT
      SOUND TRANSDUCERS
      TELECOMMUNICATION

SIGNAL DETECTORS
  0702
  UF  SIGNAL DISCRIMINATORS
  RT  AUTODYNES
    % DETECTORS
      DISCRIMINATION
      MICROWAVE SENSORS
      PREAMPLIFIERS
      SIGNAL MEASUREMENT
      SOUND TRANSDUCERS
      TELECOMMUNICATION

SIGNAL DISCRIMINATORS
  USE SIGNAL DETECTORS

SIGNAL DISTORTION
  0702 0705 0710
  GS  DISTORTION
      #SIGNAL DISTORTION
  RT  INTERSYMBOLIC INTERFERENCE
      RADIO SIGNALS
      SCRAMBLING (COMMUNICATION)

SIGNAL ENCODING
  0702 0703 0705 0802
  GS  CODING
      #SIGNAL ENCODING
      ..AMPLITUDE MODULATION
      ...QUADRATURE AMPLITUDE MODULATION
      ..FREQUENCY MODULATION
      ...FEEDBACK FREQUENCY MODULATION
      ...FM/PM (MODULATION)
      ...FREQUENCY SHIFT KEYING
      ...PULSE FREQUENCY MODULATION
      ..PHASE MODULATION
      ...FM/PM (MODULATION)
      ...PHASE SHIFT KEYING
      ....BINARY PHASE SHIFT KEYING
      ....QUADRATURE PHASE SHIFT KEYING
      ..PULSE MODULATION
      ...PULSE AMPLITUDE MODULATION
      ...PULSE CODE MODULATION
      ....DELTA MODULATION
      ....DIFFERENTIAL PULSE CODE
          MODULATION
      ...PULSE FREQUENCY MODULATION
      ...PULSE TIME MODULATION
      ....PULSE DURATION MODULATION
      ....PULSE POSITION MODULATION
      ..TRELLIS CODING
  RT  CONCATENATED CODES
      DIGITAL TO ANALOG CONVERTERS
      PULSE FREQUENCY MODULATION
      TELEMETRY
      REDUNDANCY ENCODING
      REED-SOLOMON CODES
      SCRAMBLING (COMMUNICATION)
      TELECOMMUNICATION
      TRANSMITTERS
      VITERBI DECODERS
      VOICE DATA PROCESSING
      WAVELET ANALYSIS

SIGNAL FADEOUT
  USE SIGNAL FADING

SIGNAL FADING
  0705 0708 0709 0710 2301
  UF  SIGNAL FADEOUT
  GS  FADING
      #SIGNAL FADING
      ..SELECTIVE FADING
  RT  ACOUSTIC INSTABILITY
      ATMOSPHERIC SCATTERING
      ATTENUATION
      DIFFRACTION PATTERNS
      ELECTROMAGNETIC ABSORPTION
      GROUND EFFECT (COMMUNICATIONS)
      RADIO FREQUENCY INTERFERENCE
      RADIO SCATTERING
      RECEPTION DIVERSITY
      SIGNAL MEASUREMENT
      SMEAR
      SOUND INTENSITY

SIGNAL FADING RATE
  0705 0710 2301
  GS  RATES (PER TIME)
      #SIGNAL FADING RATE
  RT  FADING
      SELECTIVE FADING
      SOUND INTENSITY

SIGNAL FLOW GRAPHS
  0503 0702 0703 0802 1406
  RT  DUALITY PRINCIPLE
    % FLOW GRAPHS
      NETWORK ANALYSIS
    % NETWORKS
      RICHARDS THEOREM
      SNEAK CIRCUIT ANALYSIS

SIGNAL GENERATORS
  0701 0705 0905
  GS  #SIGNAL GENERATORS
      .FREQUENCY SYNTHESIZERS
      .FUNCTION GENERATORS
  RT  CIRCUITS
    % GENERATORS
      HALL GENERATORS
      OSCILLATORS
      SIRENS
      SOLID STATE DEVICES
      SOUND GENERATORS
      SUBHARMONIC GENERATORS
      VOLTAGE GENERATORS

SIGNAL MEASUREMENT
  0702 0705 0708 0710 1406
  UF  ELECTRONIC SIGNAL MEASUREMENT
  RT  ELECTROMAGNETIC MEASUREMENT
      IONOSPHERIC PROPAGATION
    % MEASUREMENT
      SIGNAL ANALYSIS
      SIGNAL DETECTION
      SIGNAL DETECTORS
      SIGNAL FADING
      SIGNAL PROCESSING
      SIGNAL TO NOISE RATIOS

SIGNAL MIXING
  0702 0703 0705 0710
  GS  MIXING
      #SIGNAL MIXING
  RT  AUDITORY SIGNALS
      ERROR SIGNALS
      FOUR-WAVE MIXING
      MAGNETIC SIGNALS
      RADIO SIGNALS

SIGNAL PROCESSING
  0702 0703 0708 1905
  GS  DATA PROCESSING
      #SIGNAL PROCESSING
  RT  AUDIO SIGNALS
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```
        COMPANDING
        DIRECTION FINDING
        EQUALIZERS (CIRCUITS)
        INTERFERENCE IMMUNITY
        MAXIMUM ENTROPY METHOD
        MESSAGE PROCESSING
        ONBOARD DATA PROCESSING
      % PROCESSING
        SIGNAL MEASUREMENT
        SMOKE DETECTORS
        SURFACE ACOUSTIC WAVE DEVICES
        TELEMETRY
        VHSIC (CIRCUITS)
        VIDEO SIGNALS
        VITERBI DECODERS
        WAVELET ANALYSIS

SIGNAL RECEPTION
  0702 0703 0705 0710
  GS  #SIGNAL RECEPTION
        .SYLLABLES
        .SYMBOLS
        .TELEVISION RECEPTION
  RT    HOMODYNE RECEPTION
        PREAMPLIFIERS
      % RECEIVING
        SENTENCES
        TRANSMISSION RATE (COMMUNICATIONS)
        VOCODERS

SIGNAL REFLECTION
  0705 0710 1302 2309
  GS    ECHOES
        #SIGNAL REFLECTION
        REFLECTION
        #SIGNAL REFLECTION
  RT    CEPSTRAL ANALYSIS
        SPREAD REFLECTION
        TRANSMISSION
        WAVE REFLECTION

SIGNAL STABILIZATION
  0702 0705 0707 0709 2102
  GS    STABILIZATION
        #SIGNAL STABILIZATION
  RT    FREQUENCY CONTROL
        TRANSMISSION CIRCUITS

SIGNAL TO NOISE RATIOS
  0703 0704 0705
  GS    RATIOS
        #SIGNAL TO NOISE RATIOS
  RT    AMPLITUDE DISTRIBUTION ANALYSIS
        ATTENUATION
        BACKGROUND NOISE
        BIT ERROR RATE
        CARRIER TO NOISE RATIOS
        CHANNEL NOISE
        COMMUNICATION THEORY
        COMPANDING
        CORRELATION DETECTION
        DYNAMIC RANGE
        ELECTROMAGNETIC INTERFERENCE
        ELECTROMAGNETIC NOISE
        FALSE ALARMS
        IMAGE CONTRAST
        IMAGE ENHANCEMENT
        INTERFERENCE IMMUNITY
        LOW NOISE
        MATCHED FILTERS
        MAXIMUM ENTROPY METHOD
      % NOISE
        NOISE PROPAGATION
        NOISE SPECTRA
        NOISE THRESHOLD
        RANDOM NOISE
        RANDOM SIGNALS
        SIGNAL MEASUREMENT
      % SIGNALS
        WHITE NOISE

SIGNAL TRANSMISSION
  0702 0708 0710 1002
  GS    TRANSMISSION
        #SIGNAL TRANSMISSION
        ..DATA TRANSMISSION
        ...AUTOMATIC PICTURE TRANSMISSION
        ...MULTIPLE ACCESS
        ....ALOHA SYSTEM
        ....CODE DIVISION MULTIPLE ACCESS
        ....FREQUENCY DIVISION MULTIPLE
            ACCESS
        ...PACKET TRANSMISSION
        ....ALOHA SYSTEM
        ...SINGLE CHANNEL PER CARRIER
           TRANSMISSION
        ..RADAR TRANSMISSION
        ..RADIO TRANSMISSION
        ...DOUBLE SIDEBAND TRANSMISSION
        ...IONOSPHERIC PROPAGATION
        ....IONOSPHERIC F-SCATTER
            PROPAGATION
        ...MICROWAVE ATTENUATION
        ...MICROWAVE TRANSMISSION
        ...MULTIPATH TRANSMISSION
        ...SHORT WAVE RADIO TRANSMISSION
        ...SINGLE SIDEBAND TRANSMISSION
        ...TRANSEQUATORIAL PROPAGATION
        ...TRANSHORIZON RADIO PROPAGATION
        ..SATELLITE TRANSMISSION
        ..TELEMETRY
        ...BIOTELEMETRY
        ...P.A.C.M. TELEMETRY
        ...PCM TELEMETRY
        ...RADIO TELEMETRY
        ....PULSE FREQUENCY MODULATION
            TELEMETRY
        ..TELEVISION TRANSMISSION
  RT    AUDIO SIGNALS
        CODE DIVISION MULTIPLEXING
        MESSAGE PROCESSING
        MESSAGES
        MULTIPLEXING
        ORTHOGONAL MULTIPLEXING THEORY
        PACKET SWITCHING
        PULSE COMMUNICATION
        RADAR ATTENUATION
        RADIO ATTENUATION
        RADIO SCATTERING
        SENTENCES
        SOUND TRANSMISSION
        SYLLABLES
        TALKING
        TELECOMMUNICATION
        TRANSMISSION EFFICIENCY
        TRANSMISSION RATE (COMMUNICATIONS)
        VIDEO SIGNALS
        WIRELESS COMMUNICATION

% SIGNALS
  0702 0703 1001 1002 2402
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    AUDIO SIGNALS
        AUDITORY SIGNALS
        BEACONS
        BELLS
        CHIRP SIGNALS
        ELECTRIC PULSES
        ERROR SIGNALS
        HORNS
        MAGNETIC SIGNALS
        MESSAGES
        PSEUDORANDOM SEQUENCES
        PYROTECHNICS
        RADIO SIGNALS
        RANDOM SIGNALS
        SIGNAL TO NOISE RATIOS
        SIRENS
        SOUND GENERATORS
        TELECOMMUNICATION
        TIME SIGNALS
        VIDEO SIGNALS
        VISUAL SIGNALS
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      VISUAL STIMULI

SIGNATURE ANALYSIS
  0705 0710 3401
  RT % ANALYZING
       CEPSTRAL ANALYSIS
       DETECTION
       IMAGERY
       INFRARED SIGNATURES
       MICROWAVE SIGNATURES
       MISSILE SIGNATURES
       RADAR SIGNATURES
       SIGNATURES
       TARGET RECOGNITION

SIGNATURES
  0705 3401
  GS  #SIGNATURES
       .INFRARED SIGNATURES
       .MAGNETIC SIGNATURES
       .MISSILE SIGNATURES
       .RADAR SIGNATURES
       .SPECTRAL SIGNATURES
       ..MICROWAVE SIGNATURES
  RT   AMPLITUDE DISTRIBUTION ANALYSIS
       DETECTION
       REPRESENTATIONS
       SIGNATURE ANALYSIS
       TARGET RECOGNITION
       VIDEO LANDMARK ACQUISITION AND
       TRACKING

SIGNIFICANCE
  1905
  RT   CONFIDENCE LIMITS
       CORRELATION
       COVARIANCE
       DEGREES OF FREEDOM
       FINITE DIFFERENCE THEORY
       NULL HYPOTHESIS
       NUMERICAL ANALYSIS
       REGRESSION ANALYSIS
       STATISTICAL TESTS
       TELECONNECTIONS (METEOROLOGY)

SIGNS (SYMBOLS)
  USE  SYMBOLS

SIGNS AND SYMPTOMS
  0405
  UF   SYMPTOMS
       SYNDROMES
  GS  #SIGNS AND SYMPTOMS
       .ACQUIRED IMMUNODEFICIENCY SYNDROME
       .BRADYCARDIA
       .COUGH
       .DYSPNEA
       .EDEMA
       .HEADACHE
       .HEMATURIA
       .LEUKOPENIA
       .NAUSEA
       .VERTIGO
  RT   ASPHYXIA
       DISEASES
       HALLUCINATIONS
     % INDICATION
       SYMPTOMOLOGY

SIKHOTE-ALIN METEORITE
  3005
  GS   CELESTIAL BODIES
       .METEORITES
       ..IRON METEORITES
       ..#SIKHOTE-ALIN METEORITE

SIKKIM
  1305
  GS   NATIONS
       #SIKKIM
  RT   ASIA
       BHUTAN
       HIMALAYAS
       INDIA

SIKORSKY AIRCRAFT
  0201 0204 0206 0207
  GS  #SIKORSKY AIRCRAFT
       .CH-3 HELICOPTER
       .CH-34 HELICOPTER
       .CH-54 HELICOPTER
       .H-19 HELICOPTER
       .H-53 HELICOPTER
       .H-56 HELICOPTER
       .H-60 HELICOPTER
       .S-58 HELICOPTER
       .S-61 HELICOPTER
       .S-67 HELICOPTER
       .SH-3 HELICOPTER
       .SH-4 HELICOPTER
       .SIKORSKY WHIRLWIND HELICOPTER
       .UH-34 HELICOPTER
       .UH-60A HELICOPTER
       .UH-61A HELICOPTER
  RT % AIRCRAFT

SIKORSKY HSS-2 HELICOPTER
  USE  SH-3 HELICOPTER

SIKORSKY S-58 HELICOPTER
  USE  S-58 HELICOPTER

SIKORSKY S-61 HELICOPTER
  USE  S-61 HELICOPTER

SIKORSKY S-64 HELICOPTER
  USE  CH-54 HELICOPTER

SIKORSKY S-65 HELICOPTER
  USE  H-53 HELICOPTER

SIKORSKY S-67 HELICOPTER
  USE  S-67 HELICOPTER

SIKORSKY WHIRLWIND HELICOPTER
  0206
  GS   SIKORSKY AIRCRAFT
       #SIKORSKY WHIRLWIND HELICOPTER
       V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ...MILITARY HELICOPTERS
       ...#SIKORSKY WHIRLWIND HELICOPTER
  RT % AIRCRAFT

SILANES
  0603 1804
  GS   HYDROGEN COMPOUNDS
       .HYDRIDES
       .#SILANES
       ...CHLOROSILANES
       ...METHYL CHLOROSILANES
       SILICON COMPOUNDS
       #SILANES
       ..CHLOROSILANES
       ..METHYL CHLOROSILANES
  RT   DISILICIDES
       POLYCARBOSILANES
       POLYSILANES

SILENCE
  0703 2301
  RT   NOISE REDUCTION
       TRANSMISSION LOSS

SILENCERS
  0701 0705 2301
  RT   ATTENUATORS
       DAMPING
       INHIBITORS
       MUFFLERS
       SHOCK ABSORBERS
       SQUELCH CIRCUITS
       SUPPRESSORS
       ZERO SOUND
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SILICA
  USE   SILICON DIOXIDE

SILICA GEL
  0603
  GS    GELS
        #SILICA GEL
  RT    AEROGELS
        DEHUMIDIFICATION
        DEHYDRATION
        DRYING
        SILICON DIOXIDE

SILICA GLASS
  1801 1804 1805
  GS    GLASS
        #SILICA GLASS
  RT    GLASS COATINGS
        GLASS ELECTRODES
        GLASS FIBERS
        GLASSWARE
        SANDS
        SILICON DIOXIDE

SILICATES
  0603 1801 1804 1805
  GS    SILICON COMPOUNDS
        #SILICATES
        ..ALUMINUM SILICATES
        ...ANDESITE
        ...GEHLENITE
        ...KAOLINITE
        ...MONTMORILLONITE
        ...PYROPHYLLITE
        ..ARAGONITE
        ..BERYL
        ..CALCIUM SILICATES
        ...GEHLENITE
        ..CORDIERITE
        ..FAYALITE
        ..FELDSPARS
        ..FLUOROSILICATES
        ..FORSTERITE
        ..GARNETS
        ...GADOLINIUM-GALLIUM GARNET
        ...YTTRIUM-ALUMINUM GARNET
        ...YTTRIUM-IRON GARNET
        ..MERWINITE
        ..MONTICELLITE
        ..NEPHELINE
        ..POTASSIUM SILICATES
        ..PYROXENES
        ...ENSTATITE
        ..SODIUM SILICATES
        ...SPODUMENE
        ...TALC
        ...TOURMALINE
        ..ZEOLITES
  RT    AKERMANITE
        AMPHIBOLES
        DISILICIDES
        MINERALS
        SILICIDES
        SILICON DIOXIDE
        TETRAETHYL ORTHOSILICATE
        VERMICULITE

SILICIDES
  1801 1804 1805
  GS    SILICON COMPOUNDS
        #SILICIDES
        ..DISILICIDES
  RT    INTERMETALLICS
        SILICATES

SILICON
  0603 1805 1807
  GS    CHEMICAL ELEMENTS
        .METALLOIDS
        .#SILICON
        ...AMORPHOUS SILICON
        ...SILICON ISOTOPES
  RT    FLOAT ZONES
        REACTION BONDING
        SCHOTTKY DIODES
        SILICON ALLOYS

SILICON ALLOYS
  1701 1704 1805
  GS    ALLOYS
        #SILICON ALLOYS
  RT    ALUMINUM ALLOYS
        GERMANIUM ALLOYS
        IRON ALLOYS
        MAGNESIUM ALLOYS
        MICROSTRUCTURE
        NICKEL ALLOYS
        SILICON

SILICON CARBIDES
  1805 2602
  GS    CARBON COMPOUNDS
        .CARBIDES
        .#SILICON CARBIDES
        SILICON COMPOUNDS
        #SILICON CARBIDES
  RT    ABRASIVES
        CARBORUNDUM (TRADEMARK)
        CERAMIC FIBERS
        POLYCARBOSILANES

SILICON COMPOUNDS
  0603 1805
  GS    #SILICON COMPOUNDS
        .FLINT
        .ORGANIC SILICON COMPOUNDS
        ..TRIPHENYL SILICON
        .SILANES
        ..CHLOROSILANES
        ..METHYL CHLOROSILANES
        .SILICATES
        ..ALUMINUM SILICATES
        ...ANDESITE
        ...GEHLENITE
        ...KAOLINITE
        ...MONTMORILLONITE
        ...PYROPHYLLITE
        ..ARAGONITE
        ..BERYL
        ..CALCIUM SILICATES
        ...GEHLENITE
        ..CORDIERITE
        ..FAYALITE
        ..FELDSPARS
        ..FLUOROSILICATES
        ..FORSTERITE
        ..GARNETS
        ...GADOLINIUM-GALLIUM GARNET
        ...YTTRIUM-ALUMINUM GARNET
        ...YTTRIUM-IRON GARNET
        ..MERWINITE
        ..MONTICELLITE
        ..NEPHELINE
        ..POTASSIUM SILICATES
        ..PYROXENES
        ...ENSTATITE
        ..SODIUM SILICATES
        ...SPODUMENE
        ...TALC
        ...TOURMALINE
        ..ZEOLITES
        .SILICIDES
        ..DISILICIDES
        .SILICON CARBIDES
        .SILICON NITRIDES
        .SILICON OXIDES
        ..MUSCOVITE
        ..NEPHELITE
        ..SILICON DIOXIDE
        ...QUARTZ
        ....COESITE
        ....STISHOVITE
        ..SPODUMENE
        .SILICON TETRACHLORIDE
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  RT   AKERMANITE
     % CHEMICAL COMPOUNDS
     % GROUP 4A COMPOUNDS
       METHYL POLYSILOXANES
       POLYSILOXANES
       SILICONES
       SILOXANES

SILICON CONTROLLED RECTIFIERS
  0902 0905 0906
  UF   SCR (RECTIFIERS)
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SEMICONDUCTOR DEVICES
       ...THYRISTORS
       ...#SILICON CONTROLLED RECTIFIERS
       RECTIFIERS
       .THYRISTORS
       .#SILICON CONTROLLED RECTIFIERS
  RT   CURRENT CONVERTERS (AC TO DC)
       THYRATRONS

SILICON DIOXIDE
  0603 1801 1804
  UF   REFRASIL (TRADEMARK)
       SILICA
  GS   CHALCOGENIDES
       .OXIDES
       ..DIOXIDES
       ..#SILICON DIOXIDE
       ....QUARTZ
       .....COESITE
       .....STISHOVITE
       ..SILICON OXIDES
       ..#SILICON DIOXIDE
       ....QUARTZ
       .....COESITE
       .....STISHOVITE
       SILICON COMPOUNDS
       .SILICON OXIDES
       .#SILICON DIOXIDE
       ...QUARTZ
       ....COESITE
       ....STISHOVITE
  RT   BOROSILICATE GLASS
       CERAMICS
       E GLASS
       GLASS
       METALLIC GLASSES
       OBSIDIAN
       PORCELAIN
       QUARTZ CRYSTALS
       RHYOLITE
       S GLASS
       SANDS
       SILICA GEL
       SILICA GLASS
       SILICATES
       VYCOR

SILICON FILMS
  1506 1802 1805 2602
  RT   AMORPHOUS SILICON
     % FILMS
       SEMICONDUCTOR DEVICES
       SOI (SEMICONDUCTORS)
       THIN FILMS

SILICON ISOTOPES
  0603 1805 1807
  GS   CHEMICAL ELEMENTS
       .METALLOIDS
       ..SILICON
       ..#SILICON ISOTOPES

SILICON JUNCTIONS
  0902 0906 2602
  GS   SEMICONDUCTOR JUNCTIONS
       #SILICON JUNCTIONS
  RT   AMORPHOUS SILICON
       HETEROJUNCTIONS
       HOMOJUNCTIONS
       SIS (SEMICONDUCTORS)
       SOI (SEMICONDUCTORS)
       THRESHOLD VOLTAGE

SILICON NITRIDES
  0603 1804
  GS   NITROGEN COMPOUNDS
       .NITRIDES
       .#SILICON NITRIDES
       SILICON COMPOUNDS
       #SILICON NITRIDES
  RT   CERAMIC MATRIX COMPOSITES
       REACTION BONDING
       SIALON

SILICON OXIDES
  1804 1805 2602
  GS   CHALCOGENIDES
       .OXIDES
       .#SILICON OXIDES
       ...MUSCOVITE
       ...NEPHELITE
       ...SILICON DIOXIDE
       ....QUARTZ
       .....COESITE
       .....STISHOVITE
       ...SPODUMENE
       SILICON COMPOUNDS
       #SILICON OXIDES
       ..MUSCOVITE
       ..NEPHELITE
       ..SILICON DIOXIDE
       ...QUARTZ
       ....COESITE
       ....STISHOVITE
       ..SPODUMENE
  RT   AKERMANITE

SILICON POLYMERS
  1808 1809 1810
  GS   #SILICON POLYMERS
       .SILICONE RESINS
       .SILICONES
       ..METHYL POLYSILOXANES
       ..SILOXANES
  RT   POLYCARBOSILANES
     % POLYMERS

SILICON RADIATION DETECTORS
  0906 2403 2602
  GS   MEASURING INSTRUMENTS
       .RADIATION MEASURING INSTRUMENTS
       ..RADIATION DETECTORS
       ..#SILICON RADIATION DETECTORS
  RT % RADIATION

SILICON RECTIFIERS
  USE  CRYSTAL RECTIFIERS

SILICON SOLAR CELLS
  USE  SOLAR CELLS

SILICON TETRACHLORIDE
  1804
  GS   HALOGEN COMPOUNDS
       .CHLORINE COMPOUNDS
       ..CHLORIDES
       ..#SILICON TETRACHLORIDE
       .HALIDES
       ..CHLORIDES
       ..#SILICON TETRACHLORIDE
       SILICON COMPOUNDS
       #SILICON TETRACHLORIDE

SILICON TRANSISTORS
  0905 0906 2602
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SEMICONDUCTOR DEVICES
       ...TRANSISTORS
       ...#SILICON TRANSISTORS
       .....SOS (SEMICONDUCTORS)
  RT   SOI (SEMICONDUCTORS)
```

```
SILICON-ON-INSULATOR SEMICONDUCTORS
  USE  SOI (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE JUNCTIONS
  USE  SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE SEMICONDUCTORS
  USE  SOS (SEMICONDUCTORS)

SILICON-ON-SAPPHIRE TRANSISTORS
  USE  SOS (SEMICONDUCTORS)

SILICONE RESINS
  1802 1805 1808 1810
  GS   RESINS
       #SILICONE RESINS
       SILICON POLYMERS
       #SILICONE RESINS
  RT   THERMOSETTING RESINS

SILICONE RUBBER
  1802 1805 1808 1809 1810
  GS   RUBBER
       #SILICONE RUBBER
       ..RTV-40 RUBBER (TRADEMARK)
       ..RTV-60 RUBBER (TRADEMARK)
  RT   ELASTOMERS
       SYNTHETIC RUBBERS

SILICONES
  1805 1808 1810
  GS   SILICON POLYMERS
       #SILICONES
       ..METHYL POLYSILOXANES
       ..SILOXANES
  RT % POLYMERS
       SILICON COMPOUNDS

SILICONIZING
  0602 1702 1704 3404
  GS   HARDENING (MATERIALS)
       #SILICONIZING
  RT   COATING
       COATINGS
       CORROSION PREVENTION
       CORROSION RESISTANCE
       OXIDATION RESISTANCE
       PASSIVITY

SILK
  1811
  GS   FABRICS
       #SILK
       FIBERS
       #SILK
  RT   CREPE
       ORGANIC MATERIALS

SILKWORMS
  0402
  GS   ANIMALS
       .INVERTEBRATES
       ..ARTHROPODS
       ...INSECTS
       ....MOTHS
       ....#SILKWORMS
       LARVAE
       #SILKWORMS
  RT   INFESTATION

SILOS (MISSILE STORAGE)
  USE  MISSILE SILOS

SILOXANES
  1804 1805 1810
  GS   SILICON POLYMERS
       .SILICONES
       .#SILOXANES
  RT % POLYMERS
       POLYSILOXANES
       SILICON COMPOUNDS

SILTS
  USE  SEDIMENTS

SILVER
  1703
  GS   CHEMICAL ELEMENTS
       #SILVER
       ..SILVER ISOTOPES
       METALS
       .NOBLE METALS
       .#SILVER
       ...SILVER ISOTOPES
       .TRANSITION METALS
       .#SILVER
       ...SILVER ISOTOPES

SILVER ALLOYS
  1701 1704
  GS   ALLOYS
       #SILVER ALLOYS
  RT   BEARING ALLOYS
       GOLD ALLOYS

SILVER BROMIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .BROMINE COMPOUNDS
       ..BROMIDES
       ..#SILVER BROMIDES
       .HALIDES
       ..BROMIDES
       ..#SILVER BROMIDES
       ..METAL HALIDES
       ...SILVER HALIDES
       ...#SILVER BROMIDES
       SILVER COMPOUNDS
       .SILVER HALIDES
       .#SILVER BROMIDES

SILVER CADMIUM BATTERIES
  0302 0603 0904
  UF   CADMIUM SILVER BATTERIES
  GS   ELECTROCHEMICAL CELLS
       .ELECTRIC BATTERIES
       ..STORAGE BATTERIES
       ..#SILVER CADMIUM BATTERIES
  RT   NICKEL CADMIUM BATTERIES

SILVER CHLORIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .CHLORINE COMPOUNDS
       ..CHLORIDES
       ..#SILVER CHLORIDES
       .HALIDES
       ..CHLORIDES
       ..#SILVER CHLORIDES
       ..METAL HALIDES
       ...SILVER HALIDES
       ...#SILVER CHLORIDES
       SILVER COMPOUNDS
       .SILVER HALIDES
       .#SILVER CHLORIDES

SILVER COMPOUNDS
  0603 1804
  GS  #SILVER COMPOUNDS
       .SILVER HALIDES
       ..SILVER BROMIDES
       ..SILVER CHLORIDES
       ..SILVER IODIDES
       .SILVER NITRATES
       .SILVER OXIDES
  RT % CHEMICAL COMPOUNDS
     % GROUP 1B COMPOUNDS
     % METAL COMPOUNDS

SILVER HALIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .HALIDES
       ..METAL HALIDES
```

..#SILVER HALIDES
....SILVER BROMIDES
....SILVER CHLORIDES
....SILVER IODIDES
SILVER COMPOUNDS
#SILVER HALIDES
..SILVER BROMIDES
..SILVER CHLORIDES
..SILVER IODIDES

SILVER HYDROGEN BATTERIES
0302
GS ELECTROCHEMICAL CELLS
.ELECTRIC BATTERIES
..STORAGE BATTERIES
..#SILVER HYDROGEN BATTERIES

SILVER IODIDES
0603 1804
GS HALOGEN COMPOUNDS
.HALIDES
..METAL HALIDES
...SILVER HALIDES
...#SILVER IODIDES
.IODINE COMPOUNDS
..IODIDES
..#SILVER IODIDES
SILVER COMPOUNDS
.SILVER HALIDES
.#SILVER IODIDES

SILVER ISOTOPES
0603 1703 1704 2406
GS CHEMICAL ELEMENTS
.NUCLIDES
..ISOTOPES
..#SILVER ISOTOPES
.SILVER
.#SILVER ISOTOPES
METALS
.NOBLE METALS
..SILVER
..#SILVER ISOTOPES
.TRANSITION METALS
..SILVER
..#SILVER ISOTOPES

SILVER NITRATES
0603 1804
GS NITROGEN COMPOUNDS
.NITRATES
..INORGANIC NITRATES
..#SILVER NITRATES
SILVER COMPOUNDS
#SILVER NITRATES

SILVER OXIDE ZINC BATTERIES
USE SILVER ZINC BATTERIES

SILVER OXIDES
0603 1804
GS CHALCOGENIDES
.OXIDES
..METAL OXIDES
..#SILVER OXIDES
SILVER COMPOUNDS
#SILVER OXIDES

SILVER ZINC BATTERIES
0302 0603 0904
UF SILVER OXIDE ZINC BATTERIES
ZINC SILVER BATTERIES
ZINC SILVER OXIDE BATTERIES
GS ELECTROCHEMICAL CELLS
.ELECTRIC BATTERIES
..STORAGE BATTERIES
..#SILVER ZINC BATTERIES

SILVICULTURE
0404
RT AGRICULTURE
BIOMASS
BOTANY
CULTIVATION
FORESTS
ORCHARDS
PLANTING
TREES (PLANTS)

SIM
1406 1410
UF SCIENTIFIC INSTRUMENT MODULES
GS MODULES
.SPACECRAFT MODULES
.#SIM
SPACECRAFT COMPONENTS
.SPACECRAFT MODULES
.#SIM
RT APOLLO PROJECT
APOLLO 15 FLIGHT
CAMERAS
INSTRUMENT PACKAGES
% INSTRUMENTS

SIMD (COMPUTERS)
0800 0802 0803
UF SINGLE INSTRUCTION MULTIPLE DATASTREAM
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
...PARALLEL COMPUTERS
...#SIMD (COMPUTERS)
RT ARCHITECTURE (COMPUTERS)
COMPUTER DESIGN
COMPUTER PROGRAMMING
CONCURRENT PROCESSING
INTERPROCESSOR COMMUNICATION
MIMD (COMPUTERS)
OPERATING SYSTEMS (COMPUTERS)
PARALLEL PROCESSING (COMPUTERS)

SIMICOR (IMAGE CORRELATOR)
USE IMAGE CORRELATORS

SIMILARITIES
USE ANALOGIES

SIMILARITY NUMBERS
1902
GS RATIOS
.DIMENSIONLESS NUMBERS
.#SIMILARITY NUMBERS
RT DIMENSIONAL ANALYSIS
SCALING LAWS

SIMILARITY THEOREM
1902 2311 3304 3404
GS THEOREMS
#SIMILARITY THEOREM
..LAGRANGE SIMILARITY HYPOTHESIS
RT DYNAMIC MODELS
MATHEMATICAL MODELS
SCALE MODELS

SIMILITUDE LAW
1902 2311 3304 3404
GS LAWS
#SIMILITUDE LAW
RT GRAVITATION
INERTIA
SCALE MODELS
VISCOSITY

SIMPLE HARMONIC MOTION
2308 2311
GS HARMONIC MOTION
#SIMPLE HARMONIC MOTION
HARMONICS
#SIMPLE HARMONIC MOTION
RT ACOUSTICS
FOURIER ANALYSIS
HARMONIC EXCITATION

SIMPLEX METHOD

0802
GS MATHEMATICAL LOGIC
.ALGORITHMS
.#SIMPLEX METHOD
OPTIMIZATION
#SIMPLEX METHOD
RT LINEAR PROGRAMMING
MATHEMATICAL PROGRAMMING
MATRICES (MATHEMATICS)
% METHODOLOGY
PROBLEM SOLVING

SIMPLIFICATION
1902 3407
RT ASSUMPTIONS
LINEARIZATION

SIMS (SPECTROMETRY)
USE SECONDARY ION MASS SPECTROMETRY

SIMULATED ALTITUDE
USE ALTITUDE SIMULATION

SIMULATED ANNEALING
RT ANNEALING
COMPUTERIZED SIMULATION
LASER ANNEALING
OPTIMIZATION
PULSE HEATING
SIMULATION

SIMULATION
0502 0804 1902 3407 1107 3501 4001
GS #SIMULATION
.COMPUTER SYSTEMS SIMULATION
.COMPUTERIZED SIMULATION
..ANALOG SIMULATION
..DIGITAL SIMULATION
.CONTROL SIMULATION
.ENVIRONMENT SIMULATION
..ACOUSTIC SIMULATION
..ALTITUDE SIMULATION
..SPACE ENVIRONMENT SIMULATION
...WEIGHTLESSNESS SIMULATION
....NEUTRAL BUOYANCY SIMULATION
..THERMAL SIMULATION
.EXHAUST FLOW SIMULATION
..ATMOSPHERIC ENTRY SIMULATION
.FLIGHT SIMULATION
.LANDING SIMULATION
.MOTION SIMULATION
.RHEOELECTRICAL SIMULATION
.SOLAR SIMULATION
.SYSTEMS SIMULATION
RT ANALOGIES
BIONICS
BOND GRAPHS
DATA PROCESSING EQUIPMENT
DATA SIMULATION
DECEPTION
GAME THEORY
HEURISTIC METHODS
HYPERVELOCITY PROJECTILES
MATHEMATICAL MODELS
MONTE CARLO METHOD
OPERATIONS RESEARCH
SIMULATED ANNEALING
SIMULATORS
SPACECRAFT CABIN SIMULATORS
SYSTEMS ANALYSIS
VALIDITY
VIRTUAL REALITY
WAR GAMES

SIMULATOR TRAINING
USE TRAINING SIMULATORS

SIMULATORS
0502 0804 1902 1107 3501
GS #SIMULATORS
.CONTROL SIMULATION
.ENVIRONMENT SIMULATORS
..LUNAR GRAVITY SIMULATOR
..SOLAR SIMULATORS
..SPACE SIMULATORS
...HIGH VACUUM ORBITAL SIMULATOR
...LANGLEY COMPLEX COORDINATOR
.LUNAR ORBIT AND LANDING SIMULATORS
.MOTION SIMULATORS
.SHOCK SIMULATORS
.SHUTTLE ENGINEERING SIMULATOR
.SHUTTLE MISSION SIMULATOR
.TARGET SIMULATORS
.TRAINING SIMULATORS
..FLIGHT SIMULATORS
...COCKPIT SIMULATORS
..SPACECRAFT CABIN SIMULATORS
.VIBRATION SIMULATORS
..VERTICAL MOTION SIMULATORS
RT ANALOGS
COMPUTER SYSTEMS SIMULATION
DUMMIES
% MISSILE SIMULATORS
MODELS
SIMULATION
% TEST EQUIPMENT
TEST FACILITIES
TRAINING DEVICES

SIMULTANEOUS EQUATIONS
1902
RT % EQUATIONS
LEAST SQUARES METHOD
MATRICES (MATHEMATICS)

SIMULTANEOUS IMAGE CORRELATOR
USE IMAGE CORRELATORS

SINE SERIES
1902
GS ANALYSIS (MATHEMATICS)
.CALCULUS
..SERIES (MATHEMATICS)
..#SINE SERIES
.REAL VARIABLES
..PERIODIC FUNCTIONS
...TRIGONOMETRIC FUNCTIONS
...#SINE SERIES
..SERIES (MATHEMATICS)
..#SINE SERIES
FUNCTIONS (MATHEMATICS)
.TRANSCENDENTAL FUNCTIONS
..PERIODIC FUNCTIONS
...TRIGONOMETRIC FUNCTIONS
...#SINE SERIES

SINE WAVES
1002 1902
UF SINUSOIDS
RT ELASTIC WAVES
ELECTROMAGNETIC RADIATION
TRIGONOMETRIC FUNCTIONS
WAVELET ANALYSIS
% WAVES

SINGAPORE
1305
GS NATIONS
#SINGAPORE
RT ASIA

SINGLE CHANNEL PER CARRIER TRANSMISSION
0702
UF SCPC TRANSMISSION
GS TELECOMMUNICATION
#SINGLE CHANNEL PER CARRIER TRANSMISSION
TRANSMISSION
.SIGNAL TRANSMISSION
..DATA TRANSMISSION
..#SINGLE CHANNEL PER CARRIER TRANSMISSION
RT CARRIER FREQUENCIES
CHANNELS (DATA TRANSMISSION)
SATELLITE COMMUNICATION

SATELLITE TRANSMISSION
SPACECRAFT COMMUNICATION
TELEGRAPH SYSTEMS
TELEMETRY
TELEPHONY
VOICE COMMUNICATION
VOICE DATA PROCESSING

SINGLE CRYSTALS
1704 2601
UF MONOCRYSTALS
GS CRYSTALS
#SINGLE CRYSTALS
RT BICRYSTALS
BOULES
BRAVAIS CRYSTALS
BRIDGMAN METHOD
CRYSTAL LATTICES
DIAMONDS
GRAPHITE
NEEDLES
PIEZOELECTRIC CRYSTALS
POLYCRYSTALS
SPACE PROCESSING
ULTRAPURE METALS

SINGLE ENGINE AIRCRAFT
0201
GS #SINGLE ENGINE AIRCRAFT
.CESSNA 172 AIRCRAFT
.CESSNA 205 AIRCRAFT
.CESSNA 210 AIRCRAFT
.F-8 AIRCRAFT
.F-9 AIRCRAFT
.F-16 AIRCRAFT
.F-84 AIRCRAFT
.F-86 AIRCRAFT
.F-94 AIRCRAFT
.F-100 AIRCRAFT
.F-101 AIRCRAFT
.F-102 AIRCRAFT
.F-104 AIRCRAFT
.F-105 AIRCRAFT
.F-106 AIRCRAFT
.JAGUAR AIRCRAFT
.JET PROVOST AIRCRAFT
.L-29 JET TRAINER
.MIG AIRCRAFT
.MIRAGE AIRCRAFT
..MIRAGE 3 AIRCRAFT
.P-51 AIRCRAFT
.P-1127 AIRCRAFT
.P-1154 AIRCRAFT
.T-2 AIRCRAFT
.T-28 AIRCRAFT
.T-33 AIRCRAFT
.VAMPIRE MK 35 AIRCRAFT
.VJ-101 AIRCRAFT
.YF-16 AIRCRAFT
RT % AIRCRAFT
FIGHTER AIRCRAFT
GENERAL AVIATION AIRCRAFT

SINGLE EVENT UPSETS
1002 1402 1410 2903
GS RADIATION EFFECTS
#SINGLE EVENT UPSETS
RT ASTRIONICS
AVIONICS
CHARGED PARTICLES
COSMIC RAYS
ELECTRON-HOLE DROPS
INNER RADIATION BELT
IONIZATION
MICROELECTRONICS
RADIATION DAMAGE
RADIATION DOSAGE
SATELLITE-BORNE INSTRUMENTS
SECONDARY COSMIC RAYS
SPACECRAFT CHARGING
SPACECRAFT ELECTRONIC EQUIPMENT

SINGLE INPUT SINGLE OUTPUT SYSTEMS
USE SISO (CONTROL SYSTEMS)

SINGLE INSTRUCTION MULTIPLE DATASTREAM
USE SIMD (COMPUTERS)

SINGLE SIDEBAND MODULATION
USE SINGLE SIDEBAND TRANSMISSION

SINGLE SIDEBAND TRANSMISSION
0701 0702 0710
UF SINGLE SIDEBAND MODULATION
GS TRANSMISSION
.ELECTROMAGNETIC WAVE TRANSMISSION
..RADIO TRANSMISSION
..#SINGLE SIDEBAND TRANSMISSION
.SIGNAL TRANSMISSION
..RADIO TRANSMISSION
..#SINGLE SIDEBAND TRANSMISSION
RT AMPLITUDE MODULATION
DOUBLE SIDEBAND TRANSMISSION
SIDEBANDS
TELEVISION TRANSMISSION
VOICE COMMUNICATION
WAVE PROPAGATION

SINGLE STAGE ROCKET VEHICLES
2808 3106
GS ROCKET VEHICLES
#SINGLE STAGE ROCKET VEHICLES
..AGENA ROCKET VEHICLES
...AGENA A ROCKET VEHICLE
...AGENA B ROCKET VEHICLE
...AGENA C ROCKET VEHICLE
...AGENA D ROCKET VEHICLE
..ARCAS ROCKET VEHICLES
..BLACK BRANT SOUNDING ROCKETS
...BLACK BRANT 1 SOUNDING ROCKET
...BLACK BRANT 2 SOUNDING ROCKET
...BLACK BRANT 3 SOUNDING ROCKET
...BLACK BRANT 4 SOUNDING ROCKET
...BLACK BRANT 5 SOUNDING ROCKET
..BLACK KNIGHT ROCKET VEHICLE
..DORNIER PARAGLIDER ROCKET VEHICLE
..GENIE ROCKET VEHICLE
..HONEST JOHN ROCKET VEHICLE
..HYLA-STAR ROCKET VEHICLE
..LITTLE JOHN ROCKET VEHICLE
..LOKI ROCKET VEHICLE
..NOMAD LAUNCH VEHICLE
..VERONIQUE ROCKET VEHICLES
..VIKING ROCKET VEHICLE
..ZUNI ROCKET VEHICLE
RT MAULER MISSILE
ROCKET ENGINES
% VEHICLES

SINGLE STAGE TO ORBIT VEHICLES
3105
GS LAUNCH VEHICLES
.REUSABLE LAUNCH VEHICLES
.#SINGLE STAGE TO ORBIT VEHICLES
...HOTOL LAUNCH VEHICLE
RT NASA PROGRAMS
SPACE SHUTTLES
SPACE TRANSPORTATION
% VEHICLES
X-30 VEHICLE

SINGLE-PHASE FLOW
1202 1203 0902
UF ONE-PHASE FLOW
UNIPHASE FLOW
GS FLUID FLOW
#SINGLE-PHASE FLOW
RT CRITICAL FLOW
GAS FLOW
LAMINAR FLOW
LIQUID FLOW
MASS FLOW
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW

STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
TWO PHASE FLOW
UNIFORM FLOW
UNSTEADY FLOW

SINGULAR INTEGRAL EQUATIONS
1902
GS ANALYSIS (MATHEMATICS)
.FUNCTIONAL ANALYSIS
..INTEGRAL EQUATIONS
..#SINGULAR INTEGRAL EQUATIONS
RT % EQUATIONS

SINGULARITY (MATHEMATICS)
0802 1902
GS ANALYSIS (MATHEMATICS)
.COMPLEX VARIABLES
.#SINGULARITY (MATHEMATICS)
...NAKED SINGULARITIES
RT POINTS (MATHEMATICS)
UNIQUENESS

SINKHOLES
1306
GS LANDFORMS
.STRUCTURAL BASINS
..KARST
..#SINKHOLES
RT KETTLES (GEOLOGY)
STRUCTURAL PROPERTIES (GEOLOGY)

SINKING
1301 1302 2310
RT FALLING
REFRACTION
SUBMERGING
WATER IMMERSION

SINKS
3304
SN (EXCLUDES PLUMBING
FIXTURES--LIMITED TO AREAS FOR
ABSORPTIVE DISPOSAL OF HEAT OR
FLUIDS)
GS #SINKS
.HEAT SINKS
RT ABSORBERS (MATERIALS)
DISPOSAL
% SOURCES

SINKS (GEOLOGY)
USE STRUCTURAL BASINS

SINTERED ALUMINUM POWDER
1507 1704
GS PARTICLES
.METAL PARTICLES
..METAL POWDER
...POWDERED ALUMINUM
...#SINTERED ALUMINUM POWDER
.POWDER (PARTICLES)
..METAL POWDER
...POWDERED ALUMINUM
...#SINTERED ALUMINUM POWDER
RT ALUMINUM
POWDER METALLURGY

SINTERING
1504 1704 3407
UF PRESINTERING
GS #SINTERING
.LIQUID PHASE SINTERING
RT AGGLOMERATION
COMBUSTION SYNTHESIS
FURNACES
GROWTH
HEATING
HOT ISOSTATIC PRESSING
HOT PRESSING
METAL POWDER
MIXED CRYSTALS
POROSITY
POWDER METALLURGY
PYROMETALLURGY
REACTION BONDING
ROASTING
SHRINKAGE
SIALON

SINUSES
0404 0405
GS #SINUSES
.PARANASAL SINUSES
RT CAROTID SINUS BODY
CAROTID SINUS REFLEX
NOSE (ANATOMY)
RESPIRATION

SINUSOIDS
USE SINE WAVES

SIOUX HELICOPTER
USE OH-13 HELICOPTER

SIPHONING
1202
RT % FLUIDS
SIPHONS
THERMOSIPHONS

SIPHONS
0603 1202
RT MATERIALS HANDLING
PIPELINES
PIPES (TUBES)
PUMPS
SIPHONING
% TUBES

SIR-A
USE SHUTTLE IMAGING RADAR

SIR-B
USE SHUTTLE IMAGING RADAR

SIRENS
0203 1102 2301 3401
RT HORNS
NOISE INTENSITY
SIGNAL GENERATORS
% SIGNALS
SOUND GENERATORS
SOUND INTENSITY
SOUND TRANSMISSION
WARNING SYSTEMS

SIRIO SATELLITE
0706 0709 1904 3006 3107
GS ARTIFICIAL SATELLITES
.SYNCHRONOUS SATELLITES
.#SIRIO SATELLITE
RT ITALIAN SPACE PROGRAM
ITALY

SIRS B SATELLITE
2003 2004 3107
GS ARTIFICIAL SATELLITES
.METEOROLOGICAL SATELLITES
.#SIRS B SATELLITE
RT METEOROLOGICAL FLIGHT
METEOROLOGICAL INSTRUMENTS
SATELLITE OBSERVATION
UNMANNED SPACECRAFT

SIRTF
USE SPACE INFRARED TELESCOPE FACILITY

SIS (SEMICONDUCTORS)
0905
UF SEMICONDUCTOR INSULATOR
SEMICONDUCTORS

```
  GS    ELECTRONIC EQUIPMENT
        .SOLID STATE DEVICES
        .#SIS (SEMICONDUCTORS)
  RT    BARRIER LAYERS
        MIM (SEMICONDUCTORS)
        MIS (SEMICONDUCTORS)
        MSM (SEMICONDUCTORS)
        P-N JUNCTIONS
        PHOTODIODES
        PHOTOVOLTAIC CELLS
        SCHOTTKY DIODES
        SEMICONDUCTOR DIODES
        SEMICONDUCTOR JUNCTIONS
        SILICON JUNCTIONS
        SOI (SEMICONDUCTORS)
        SOLAR CELLS
        SOS (SEMICONDUCTORS)
        TIN OXIDES
        TRANSISTORS

SIS (SUPERCONDUCTORS)
  2303 2602 2604
  UF    SUPERCONDUCTOR INSULATOR
        SUPERCONDUCTORS
  GS    ELECTRONIC EQUIPMENT
        .SOLID STATE DEVICES
        .#SIS (SUPERCONDUCTORS)
        SUPERCONDUCTING DEVICES
        #SIS (SUPERCONDUCTORS)
  RT    HIGH TEMPERATURE SUPERCONDUCTORS
        JOSEPHSON JUNCTIONS
        SQUID (DETECTORS)

SISO (CONTROL SYSTEMS)
  1003
  UF    SINGLE INPUT SINGLE OUTPUT SYSTEMS
  RT  % CONTROL
        CONTROL STABILITY
        CONTROL SYSTEMS DESIGN
        CONTROL THEORY
        FEEDBACK CONTROL
      % SYSTEMS
        SYSTEMS STABILITY

SITE DATA PROCESSORS
  0708 0801 0802 1101 1102 1104 1106
  1108 1109 1410 3405
  UF    SDP (COMPUTERS)
  GS    DATA PROCESSING EQUIPMENT
        .COMPUTERS
        .#SITE DATA PROCESSORS
  RT    APOLLO PROJECT
      % DATA
        DATA LINKS
        DATA PROCESSING

SITE SELECTION
  1101
  GS    SELECTION
        #SITE SELECTION
  RT    AIRPORTS
        CERTIFICATION
      % FACILITIES
        INDUSTRIAL AREAS
        LAND USE
        LEASING
        LOGISTICS
        OPTIONS
        RESOURCES
        ROADS
        ROUTES
        SERVICES
        SITES
        TERMINAL FACILITIES
        TRANSPORTATION
        UTILITIES

SITES
  1101 1104 1108 3501
  UF    TRACTS
  GS   #SITES
        .ARIZONA REGIONAL ECOLOGICAL TEST
         SITE
        .CENTRAL ATLANTIC REGIONAL ECOL
         TEST SITE
        .LANDING SITES
        ..LUNAR LANDING SITES
        .LAUNCHING SITES
        ..LAUNCHING PADS
        .OFFSHORE REACTOR SITES
  RT    AIRPORT PLANNING
        BARREN LAND
      % FACILITIES
        LAND
      % PLOTS
        POSITION (LOCATION)
        REGIONS
        RURAL LAND USE
        SITE SELECTION

SITTING POSITION
  0408 0506 3407
  RT    PRONE POSITION
        REST
        SEATS
        SUPINE POSITION

SIZE (DIMENSIONS)
  1902 1903 3408
  GS   #SIZE (DIMENSIONS)
        .GRAIN SIZE
  RT    FINENESS

SIZE DETERMINATION
  1406
  GS   #SIZE DETERMINATION
        .PRECIPITATION PARTICLE MEASUREMENT
  RT    BODY MEASUREMENT (BIOLOGY)
        CLASSIFIERS
        DIMENSIONAL MEASUREMENT
      % MEASUREMENT
        PARTICLE SIZE DISTRIBUTION
      % SIZING

SIZE DISTRIBUTION
  2403
  GS   #SIZE DISTRIBUTION
        .PARTICLE SIZE DISTRIBUTION
  RT    DROP SIZE
        MASS DISTRIBUTION
        STATISTICAL DISTRIBUTIONS

SIZE SEPARATION
  0602 1406 1504
  UF    SIZING (SEPARATION)
  RT    BENEFICIATION
        CLASSIFIERS
      % CLASSIFYING
        CONCENTRATORS
        FILTRATION
        FLOTATION
        METAL POWDER
        PARTICLE SIZE DISTRIBUTION
        POWDER (PARTICLES)
      % SEPARATION
        SETTLING
      % SIZING

% SIZING
  1504 1507
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    BODY MEASUREMENT (BIOLOGY)
        SIZE DETERMINATION
        SIZE SEPARATION
        SIZING (SHAPING)
        SIZING (SURFACE TREATMENT)
        SIZING MATERIALS

SIZING (SEPARATION)
  USE   SIZE SEPARATION

SIZING (SHAPING)
  1504 1704 3404
```

GS METAL WORKING
#SIZING (SHAPING)
RT COINING
PRESSING (FORMING)
% SIZING

SIZING (SURFACE TREATMENT)
1504 1704 3404
SN (EXCLUDES MECHANICAL SHAPING OR REMOVAL OF SURFACE MATERIALS)
RT FINISHES
SIZING MATERIALS
% SURFACES

SIZING MATERIALS
3404
SN (MATERIALS USED FOR SURFACE TREATMENT)
RT BINDERS (MATERIALS)
CLAYS
FILLERS
GLUES
% MATERIALS
SIZING (SURFACE TREATMENT)
STARCHES

SIZING SCREENS
0602 3404
GS SEPARATORS
.CLASSIFIERS
.#SIZING SCREENS
RT AGITATION
CONCENTRATORS
FLUID FILTERS
% SCREENS
SHAKERS
SIEVES

SKELETON
USE MUSCULOSKELETAL SYSTEM

SKEWNESS
1905 3408
RT ASYMMETRY
DEFORMATION
DISPLACEMENT
DISTORTION
DISTRIBUTION MOMENTS
ECCENTRICITY
MOMENTS

SKID LANDINGS
0201 0203
GS LANDING
.AIRCRAFT LANDING
.#SKID LANDINGS
RT AIR CUSHION LANDING SYSTEMS
CRASH LANDING
HYDROPLANING
SKIDDING

SKIDDING
0201 0203
RT HYDROPLANING
LANDING GEAR
SIDESLIP
SKID LANDINGS
SLEDS
YAW

SKILLS
USE ABILITIES

SKIN (ANATOMY)
0404 0405
GS ANATOMY
#SKIN (ANATOMY)
..EPIDERMIS
RT ALBINISM
% BLISTERS
CAROTENE
CHLOROPHYLLS
COLLAGENS
CONTACT DERMATITIS
CYTOCHROMES
DERMATITIS
DERMATOLOGY
EPITHELIUM
EVAPORATION
HAIR
HOMEOSTASIS
LEATHER
MELANIN
MEMBRANES
PERSPIRATION
PETECHIA
PIGMENTS
SECRETIONS
SENSE ORGANS
THERMORECEPTORS
TOUCH

SKIN (STRUCTURAL MEMBER)
0102 0104 0202 1504 3202 3305
GS MEMBRANES
.MEMBRANE STRUCTURES
.#SKIN (STRUCTURAL MEMBER)
STRUCTURAL MEMBERS
.MEMBRANE STRUCTURES
.#SKIN (STRUCTURAL MEMBER)
RT AIRCRAFT CONSTRUCTION MATERIALS
% CONSTRUCTION MATERIALS
HULLS (STRUCTURES)
METAL SHELLS
SHELLS (STRUCTURAL FORMS)
STRESSED-SKIN STRUCTURES
THIN WALLED SHELLS
THIN WALLS
TOROIDAL SHELLS
WEBS (SUPPORTS)

SKIN FRICTION
0102 1503 3105 3303 3501
UF FRICTION PRESSURE DROP
GS FRICTION
#SKIN FRICTION
..FRICTION DRAG
...AERODYNAMIC DRAG
....SUPERSONIC DRAG
...VISCOUS DRAG
RT AERODYNAMIC HEATING
DRAG
DRAG DEVICES
FLOW RESISTANCE
FLUID FLOW
FRICTION FACTOR
RIBLETS
STREAMLINING

SKIN GRAFTS
0405 0408
RT SURGERY
THERAPY

SKIN RESISTANCE
0102 1503 3305
GS ELECTRICAL PROPERTIES
.ELECTRICAL IMPEDANCE
..ELECTRICAL RESISTANCE
..#SKIN RESISTANCE
IMPEDANCE
.ELECTRICAL IMPEDANCE
..ELECTRICAL RESISTANCE
..#SKIN RESISTANCE
RT % RESISTANCE

SKIN TEMPERATURE (BIOLOGY)
0405 0408
GS TEMPERATURE
#SKIN TEMPERATURE (BIOLOGY)
RT % BIOLOGY
FEVER
HYPERTHERMIA
HYPOTHERMIA

```
SKIN TEMPERATURE (NON-BIOLOGICAL)
  0101 0102 3106 3303
  GS   SURFACE PROPERTIES
       .SURFACE TEMPERATURE
       .#SKIN TEMPERATURE (NON-BIOLOGICAL)
       TEMPERATURE
       .SURFACE TEMPERATURE
       .#SKIN TEMPERATURE (NON-BIOLOGICAL)
  RT   AERODYNAMIC HEATING
       AEROTHERMODYNAMICS

SKINNER BOXES
  0408 0410
  RT   BEHAVIOR
       PSYCHOLOGICAL TESTS
       PSYCHOMETRICS

SKIRTS
  2806 3106
  RT   AFTERBODIES
       BOATTAILS
       CONICAL NOZZLES
       EXHAUST NOZZLES
       FOUNDATIONS
     % JET NOZZLES
       ROCKET NOZZLES

SKIS
  0203
  RT   HYDROFOILS
       HYDROPLANES (SURFACES)
       LANDING GEAR

SKUA ROCKET VEHICLES
  3106 3108
  GS   ROCKET VEHICLES
       .SOUNDING ROCKETS
       .#SKUA ROCKET VEHICLES
  RT   SOLID PROPELLANT ROCKET ENGINES
     % VEHICLES

SKULL
  0404 0405
  GS   ANATOMY
       .HEAD (ANATOMY)
       .#SKULL
       ...CRANIUM
       ....INTRACRANIAL CAVITY
       ...MASTOIDS
       .MUSCULOSKELETAL SYSTEM
       ..BONES
       ..#SKULL
       ....CRANIUM
       .....INTRACRANIAL CAVITY
       ....MASTOIDS
  RT   FOREHEAD
       INTERCRANIAL CIRCULATION

SKY
  1301 1302 2003 3001
  GS  #SKY
       .NIGHT SKY
  RT   CLOUD COVER
       CLOUDS (METEOROLOGY)
       DAYGLOW
       RAYLEIGH SCATTERING
       SUNLIGHT

SKY BRIGHTNESS
  1301 1302 2003 2306 2902 2903
  GS   ELECTROMAGNETIC PROPERTIES
       .OPTICAL PROPERTIES
       .#SKY BRIGHTNESS
  RT   AIRGLOW
       AURORAS
       BRIGHTNESS
       CLOUD COVER
       DAYTIME
       GEGENSCHEIN
       GLARE
       LIGHT (VISIBLE RADIATION)
       LIGHT EMISSION
       LUMINANCE
       NIGHT
       NIGHT SKY
       NIGHTGLOW
       SOLAR RADIATION
       SUNLIGHT
       ZODIACAL LIGHT

SKY RADIATION
  1301 1302 2902 2903
  GS   ATMOSPHERIC RADIATION
       #SKY RADIATION
       ..AIRGLOW
       ...GEOCORONAL EMISSIONS
       ...NIGHTGLOW
       ...TWILIGHT GLOW
       ..DAYGLOW
       ELECTROMAGNETIC RADIATION
       .LIGHT (VISIBLE RADIATION)
       .#SKY RADIATION
       ...AIRGLOW
       ....GEOCORONAL EMISSIONS
       ....NIGHTGLOW
       ....TWILIGHT GLOW
       ...DAYGLOW
  RT   BACKGROUND RADIATION
       PYRANOMETERS
     % RADIATION
       STRATOSPHERE RADIATION
       SUNLIGHT
       THERMAL RADIATION
       TROPOSPHERIC RADIATION

SKY SURVEYS (ASTRONOMY)
  3001 3405
  GS   OBSERVATION
       #SKY SURVEYS (ASTRONOMY)
       SURVEYS
       #SKY SURVEYS (ASTRONOMY)
  RT   ASTRONOMICAL CATALOGS
       ASTRONOMY
       INDEXES (DOCUMENTATION)
       NORTHERN SKY
       SOUTHERN SKY

SKY WAVES
  0703 0710 1302 3009
  GS   ELECTROMAGNETIC RADIATION
       .RADIO WAVES
       .#SKY WAVES
       ...WHISTLERS
  RT   GROUND WAVE PROPAGATION
       IONOSPHERIC NOISE

SKYBOLT MISSILE
  3101 3401
  GS   MISSILES
       .BALLISTIC MISSILES
       .#SKYBOLT MISSILE
  RT   SOLID PROPELLANT ROCKET ENGINES

SKYCRANE HELICOPTER
  USE  CH-54 HELICOPTER

SKYDROL (TRADEMARK)
  0202 1808 1809
  GS   LIQUIDS
       .HYDRAULIC FLUIDS
       .#SKYDROL (TRADEMARK)
  RT   ESTERS
       PHOSPHATES
       PLASTICIZERS

SKYHAWK AIRCRAFT
  USE  A-4 AIRCRAFT

SKYHOOK BALLOONS
  0205 2002 2003 3409
  GS   EXPANDABLE STRUCTURES
       .INFLATABLE STRUCTURES
       ..BALLOONS
       ...HIGH ALTITUDE BALLOONS
       ...#SKYHOOK BALLOONS
```

RT HIGH ALTITUDE
METEOROLOGICAL BALLOONS
ROBIN BALLOONS
ROCKOONS

SKYLAB PROGRAM
3409
GS PROGRAMS
.NASA PROGRAMS
..NASA SPACE PROGRAMS
..#SKYLAB PROGRAM
.SPACE PROGRAMS
..NASA SPACE PROGRAMS
..#SKYLAB PROGRAM
RT AAP 1 MISSION
AAP 2 MISSION
AAP 3 MISSION
AAP 4 MISSION
AIRLOCK MODULES
APOLLO APPLICATIONS PROGRAM
APOLLO FLIGHTS
APOLLO PROJECT
APOLLO SPACECRAFT
APOLLO TELESCOPE MOUNT
EARTH RESOURCES INFORMATION SYSTEM
EARTH RESOURCES PROGRAM
EARTH RESOURCES SURVEY PROGRAM
ORBITAL WORKSHOPS
SATURN WORKSHOPS
SATURN 1 WORKSHOP
SATURN 5 WORKSHOP
SPACELAB

SKYLAB SPACE STATION (UNMANNED)
USE SKYLAB 1

SKYLAB 1
3009 3109 3409
UF SKYLAB SPACE STATION (UNMANNED)
SL 1
GS ARTIFICIAL SATELLITES
.ORBITAL WORKSHOPS
.#SKYLAB 1
.SPACE STATIONS
.#SKYLAB 1
LABORATORIES
.SPACE LABORATORIES
..MANNED ORBITAL LABORATORIES
..#SKYLAB 1
MANNED SPACECRAFT
.MANNED ORBITAL LABORATORIES
.#SKYLAB 1
.ORBITAL WORKSHOPS
.#SKYLAB 1
STATIONS
.SPACE STATIONS
.#SKYLAB 1
RT AIRLOCK MODULES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLAB 2
3009 3109 3409
UF SL 2
GS ARTIFICIAL SATELLITES
.ORBITAL WORKSHOPS
.#SKYLAB 2
.SPACE STATIONS
.#SKYLAB 2
LABORATORIES
.SPACE LABORATORIES
..MANNED ORBITAL LABORATORIES
..#SKYLAB 2
MANNED SPACECRAFT
.MANNED ORBITAL LABORATORIES
.#SKYLAB 2
.ORBITAL WORKSHOPS
.#SKYLAB 2
STATIONS
.SPACE STATIONS
.#SKYLAB 2
RT AIRLOCK MODULES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLAB 3
3009 3109 3409
UF SL 3
GS ARTIFICIAL SATELLITES
.ORBITAL WORKSHOPS
.#SKYLAB 3
.SPACE STATIONS
.#SKYLAB 3
LABORATORIES
.SPACE LABORATORIES
..MANNED ORBITAL LABORATORIES
..#SKYLAB 3
MANNED SPACECRAFT
.MANNED ORBITAL LABORATORIES
.#SKYLAB 3
.ORBITAL WORKSHOPS
.#SKYLAB 3
STATIONS
.SPACE STATIONS
.#SKYLAB 3
RT AIRLOCK MODULES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLAB 4
3009 3109 3409
UF SL 4
GS ARTIFICIAL SATELLITES
.ORBITAL WORKSHOPS
.#SKYLAB 4
.SPACE STATIONS
.#SKYLAB 4
LABORATORIES
.SPACE LABORATORIES
..MANNED ORBITAL LABORATORIES
..#SKYLAB 4
MANNED SPACECRAFT
.MANNED ORBITAL LABORATORIES
.#SKYLAB 4
.ORBITAL WORKSHOPS
.#SKYLAB 4
STATIONS
.SPACE STATIONS
.#SKYLAB 4
RT AIRLOCK MODULES
COMMAND SERVICE MODULES
EREP
MULTIPLE DOCKING ADAPTERS
SATURN 1B LAUNCH VEHICLES
SATURN 5 LAUNCH VEHICLES
SPACE MISSIONS

SKYLARK
USE SKYLARK ROCKET VEHICLE

SKYLARK ROCKET VEHICLE
3106 3108 3409
UF SKYLARK
GS ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
.#SKYLARK ROCKET VEHICLE
.SOUNDING ROCKETS
.#SKYLARK ROCKET VEHICLE
RT SOLID PROPELLANT ROCKET ENGINES

SKYMASTER AIRCRAFT
USE C-54 AIRCRAFT

SKYNET SATELLITES
0702 0706 3107

```
  GS   ARTIFICIAL SATELLITES
       #SKYNET SATELLITES
  RT   COMMUNICATION SATELLITES
       SATELLITE NETWORKS
       UK SATELLITES

SKYRAIDER AIRCRAFT
  USE  A-1 AIRCRAFT

SKYROCKET AIRCRAFT
  USE  D-558 AIRCRAFT

SKYSTREAK AIRCRAFT
  USE  D-558 AIRCRAFT

SKYVAN AIRCRAFT
  USE  SC-7 AIRCRAFT

SKYWARRIOR AIRCRAFT
  USE  A-3 AIRCRAFT

SL 1
  USE  SKYLAB 1

SL 2
  USE  SKYLAB 2

SL 3
  USE  SKYLAB 3

SL 4
  USE  SKYLAB 4

SL-3 ROCKET ENGINE
  2809
  GS   ENGINES
       .ROCKET ENGINES
       ..SOLID PROPELLANT ROCKET ENGINES
       ..#SL-3 ROCKET ENGINE

SLABS
  3202 3305
  RT   BILLETS
       BLOCKS
       FLAT PLATES
       METAL PLATES
       PLATES (STRUCTURAL MEMBERS)
     % PLATFORMS
       STRUCTURAL MEMBERS

SLAGS
  1704 3301
  RT   AGGREGATES
       REACTION PRODUCTS
       WASTES

SLAM
  USE  SUPERSONIC LOW ALTITUDE MISSILE

SLAMMING
  3407
  RT   FLUID DYNAMICS

SLANT
  USE  SLOPES

SLANT PERCEPTION
  USE  SPACE PERCEPTION

SLASHES
  USE  CLEARINGS (OPENINGS)

SLATER ORBITALS
  2401 2403
  GS   ORBITALS
       #SLATER ORBITALS
  RT   HARTREE-FOCK-SLATER METHOD

SLEDS
  1107 1108 3501
  GS   SURFACE VEHICLES
       #SLEDS
       ..ROCKET PROPELLED SLEDS
  RT   DOLLIES
       SKIDDING
       TOWED BODIES
       TRACTORS
       TRAILERS

SLEEP
  0401 0408
  UF   DROWSINESS
  GS  #SLEEP
       .HYPERSOMNIA
       .HYPNOSIS
       .INSOMNIA
  RT   DREAMS
     % DRIVES
       RAPID EYE MOVEMENT STATE
       REST

SLEEP DEPRIVATION
  0408 0410
  GS   DEPRIVATION
       #SLEEP DEPRIVATION
  RT   CONSCIOUSNESS
       INSOMNIA
       WAKEFULNESS

SLEEVES
  1504
  SN   (EXCLUDES CLOTHING)
  RT   CONNECTORS
       COUPLINGS
       FASTENERS
       FITTINGS
       JOINTS (JUNCTIONS)

SLENDER BODIES
  0101 0102 3110 3203
  GS  #SLENDER BODIES
       .SLENDER CONES
  RT   AERODYNAMIC CONFIGURATIONS
       AERODYNAMICS
       AXISYMMETRIC BODIES
     % BODIES
       DUCTED BODIES
       FINENESS RATIO
       MISSILE BODIES
       STREAMLINED BODIES
       SYMMETRICAL BODIES
     % THIN BODIES

SLENDER CONES
  0101 0102 0104 3110 3203
  GS   CONES
       .CONICAL BODIES
       .#SLENDER CONES
       SLENDER BODIES
       #SLENDER CONES
       SYMMETRICAL BODIES
       .BODIES OF REVOLUTION
       ..CONICAL BODIES
       ..#SLENDER CONES
  RT   AERODYNAMIC CONFIGURATIONS
       AXISYMMETRIC BODIES

SLENDER WINGS
  0101 0102 0104 0202 3203
  UF   HIGH ASPECT RATIO WINGS
  GS   AIRFOILS
       .WINGS
       .#SLENDER WINGS
       ...INFINITE SPAN WINGS
  RT   FIXED WINGS
       WING PLANFORMS

SLEWING
  0705 0901 1003
  RT   ANTENNAS
       ERROR SIGNALS
       POSITIONING DEVICES (MACHINERY)
       RADAR TRACKING
       SERVOMOTORS
     % SPINNERS
```

```
SLICING
  1504 3407
  GS   CUTTING
       #SLICING
  RT   METAL CUTTING
       PLANING
       PLANNING
       SCARFING
     % SEPARATION
       SPLITTING

SLICKS
  USE  OIL SLICKS

SLIDES
  USE  CHUTES

SLIDES (MICROSCOPY)
  2310
  RT   MICROSCOPY

SLIDING
  1103 1502 1504
  RT   INTERFACIAL TENSION
       LUBRICATION
       MASS FLOW
     % SLIP
       SLUMPING
       STATIC FRICTION

% SLIDING CONTACT
  0902 0904 0905 1002 1504
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CONTACT LOADS
       ELECTRIC CONTACTS
       SLIDING FRICTION

SLIDING FRICTION
  1503 2308 3303 3501
  GS   FRICTION
       .KINETIC FRICTION
       .#SLIDING FRICTION
  RT   COEFFICIENT OF FRICTION
       DRY FRICTION
       ELECTRIC CONTACTS
     % SLIDING CONTACT
       STATIC FRICTION
       WEAR
       WEAR RESISTANCE

% SLIP
  0101 0201 1103 1106 1202 1305 1504
  3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   PLASTIC DEFORMATION
       POLYSLIPS
       SIDESLIP
       SLIDING

SLIP BANDS
  USE  EDGE DISLOCATIONS

SLIP CASTING
  0602 1507 1801
  GS   FORMING TECHNIQUES
       .CASTING
       .#SLIP CASTING

SLIP FLOW
  1203 3501
  SN   (LIMITED TO RAREFIED GAS FLOW IN
       THE REGION BETWEEN KNUDSEN NUMBERS
       0.01 AND 0.1 ONLY--EXCLUDES
       TRANSITION FLOW, FREE MOLECULE
       FLOW CREEP, SHEAR FLOW, AND
       PLASTIC FLOW)
  GS   FLUID FLOW
       .GAS FLOW
       ..MOLECULAR FLOW
       ..#SLIP FLOW
  RT   CONTINUUM FLOW
       FREE MOLECULAR FLOW
       LOW DENSITY WIND TUNNELS
       RAREFIED GAS DYNAMICS
       TRANSITION FLOW

SLIPSTREAMS
  0101 1203 3501
  GS   WAKES
       .AIRCRAFT WAKES
       .#SLIPSTREAMS
       ...PROPELLER SLIPSTREAMS
       .TURBULENT WAKES
       .#SLIPSTREAMS
       ...PROPELLER SLIPSTREAMS
  RT   BACKWASH
       STROUHAL NUMBER
       TURBULENCE

SLITS
  1404 1405 2310
  GS   OPENINGS
       #SLITS
  RT   APERTURES
       FRESNEL REFLECTORS
       SLOTS

SLIVERS
  1704 1805
  RT   FIBERS
       WOOD

SLOPES
  1308 1902 2101 3203
  UF   CANT
       SLANT
       STEEPNESS
  GS  #SLOPES
       .GLIDE PATHS
  RT   ANGLES (GEOMETRY)
       CLIFFS
       ESCARPMENTS
     % GRADE
       GRADIENTS
       HEIGHT
     % INCLINATION
       LANDFORMS
       LANDSLIDES
       LEVEL (HORIZONTAL)
       PITCH (INCLINATION)
     % PROFILES
     % RAKES
       RAMP FUNCTIONS
       RAMPS (STRUCTURES)
       TOPOGRAPHY

SLOSHING
  USE  LIQUID SLOSHING

SLOT ANTENNAS
  0701 0901
  UF   SLOTTED ANTENNAS
  GS   ANTENNAS
       .DIRECTIONAL ANTENNAS
       .#SLOT ANTENNAS
  RT   ANTENNA DESIGN
       HORN ANTENNAS
       MICROWAVE ANTENNAS
       RADANT
       RADAR ANTENNAS
       WAVEGUIDE ANTENNAS

SLOTS
  0102 0103 0104 1201 3501
  GS  #SLOTS
       .WING SLOTS
  RT   LIFT DEVICES
       LOUVERS
       OPENINGS
       SLITS
```

```
SLOTTED ANTENNAS
  USE  SLOT ANTENNAS

SLOTTED WIND TUNNELS
  1110
  GS   TEST FACILITIES
       .WIND TUNNELS
       .#SLOTTED WIND TUNNELS
  RT   SUPERSONIC WIND TUNNELS
       TRANSONIC WIND TUNNELS
       TRISONIC WIND TUNNELS
       VENTS

SLOW NEUTRONS
  USE  THERMAL NEUTRONS

SLUDGE
  0505 3404
  GS  #SLUDGE
       .ACTIVATED SLUDGE
  RT   DEPOSITS
       LIQUID WASTES
       MUD
       OCEAN BOTTOM
       ORGANIC WASTES (FUEL CONVERSION)
       REACTION PRODUCTS
       SEDIMENTS
       SEWAGE TREATMENT
       SOLID WASTES
       WASTE TREATMENT
       WASTES

SLUMPING
  1305 1306
  RT   GEOMORPHOLOGY
       MASS FLOW
       SLIDING

SLURRIES
  0602 0603
  GS   MIXTURES
       #SLURRIES
  RT   DISPERSIONS
       EMULSIONS
       GELS
       RHEOCASTING
       SLURRY PROPELLANTS
       SLUSH HYDROGEN

SLURRY PROPELLANTS
  0602 2702 2804
  GS   PROPELLANTS
       .ROCKET PROPELLANTS
       ..LIQUID ROCKET PROPELLANTS
       ..#SLURRY PROPELLANTS
       ....SLUSH HYDROGEN
  RT   AIRCRAFT FUELS
       COLLOIDAL PROPELLANTS
       DISPERSIONS
       GELLED ROCKET PROPELLANTS
       METAL FUELS
       METAL PROPELLANTS
       MONOPROPELLANTS
       SLURRIES
       SOLID ROCKET PROPELLANTS

SLUSH
  0603 2001
  RT   BAY ICE
       CRYOGENIC ROCKET PROPELLANTS
       ICE
       RUNWAY CONDITIONS
       SNOW
       WATER

SLUSH HYDROGEN
  0603 2702 2804
  GS   PROPELLANTS
       .ROCKET PROPELLANTS
       ..LIQUID ROCKET PROPELLANTS
       ...SLURRY PROPELLANTS
       ...#SLUSH HYDROGEN
  RT   HYDROGEN FUELS
       LIQUID HYDROGEN
       SLURRIES

SLV
  USE  STANDARD LAUNCH VEHICLES

SLV (SOFT LANDING VEHICLES)
  USE  SOFT LANDING SPACECRAFT

SM-65 MISSILE
  USE  ATLAS LAUNCH VEHICLES

SM-68 MISSILE
  USE  TITAN 1 ICBM

SM-68B MISSILE
  USE  TITAN 2 ICBM

SMALL ASTRONOMY SATELLITE 1
  USE  SAS-1

SMALL ASTRONOMY SATELLITE 2
  USE  SAS-2

SMALL ASTRONOMY SATELLITE 3
  USE  SAS-3

SMALL ASTRONOMY SATELLITES
  USE  SAS

SMALL PERTURBATION FLOW
  0101 0102 1202 1203
  GS   FLUID FLOW
       #SMALL PERTURBATION FLOW
  RT   FLOW DISTORTION
       OSCILLATING FLOW

SMALL SCIENTIFIC SATELLITES
  3107
  GS   ARTIFICIAL SATELLITES
       .SCIENTIFIC SATELLITES
       .#SMALL SCIENTIFIC SATELLITES

SMALL WATER PLANE AREA TWIN HULL
  USE  SWATH (SHIP)

SMALLPOX
  0405 0408
  GS   DISEASES
       .INFECTIOUS DISEASES
       ..VIRAL DISEASES
       ..#SMALLPOX

SMART STRUCTURES
  1409 1413 3203
  UF   INTELLIGENT STRUCTURES
  RT   ACTIVE CONTROL
       ADAPTIVE CONTROL
       COMPOSITE STRUCTURES
       FIBER OPTICS
       LARGE SPACE STRUCTURES
       SPACE STATION STRUCTURES
       SPACECRAFT STRUCTURES
       STRAIN MEASUREMENT
       STRUCTURAL ENGINEERING
       STRUCTURAL MEMBERS
     % STRUCTURES

SMEAR
  0702 1002 2310 2402
  RT % FREQUENCY RESPONSE
       IMAGE CONTRAST
       SIGNAL FADING
       TELEVISION TRANSMISSION
       VIDEO DATA

SMELL
  USE  OLFACTORY PERCEPTION

SMELTING
  1704
```

```
  RT    MELTING
      % METALLURGY
        REDUCTION (CHEMISTRY)
        REFINING

SMITH CHART
  0710 2309 2402
  RT    ELECTRICAL IMPEDANCE
        IMPEDANCE
        POLAR COORDINATES
        REACTANCE
        STANDING WAVE RATIOS
        TRANSMISSION LINES
        WAVEGUIDES

SMM-A
  USE   SOLAR MAXIMUM MISSION-A

SMOG
  0603 1202 2001 2003
  RT    AIR POLLUTION
        AIR SAMPLING
        CARBON MONOXIDE
        COMBUSTION PRODUCTS
        ENVIRONMENTAL CHEMISTRY
        EXHAUST GASES
        FLAMES
        FOG
        HYDROCARBON COMBUSTION
        HYDROCARBON POISONING
        LEAD POISONING
        PARTICULATES
        SMOKE

SMOKE
  0505 0603 2003 3301
  GS    MIXTURES
        .DISPERSIONS
        ..PLASTISOLS
        ..#SMOKE
  RT    AEROSOLS
        AIR POLLUTION
        COMBUSTION PRODUCTS
        DUST
        EXHAUST GASES
        FIRE DAMAGE
        FOG
        FOREST FIRES
        FUMES
        HAZE DETECTION
      % MARKERS
        PARTICLES
        PARTICULATES
        SMOG
        SOOT
        VAPORS
        VISIBILITY

SMOKE ABATEMENT
  0504 0505
  RT    AEROSOLS
        AIR POLLUTION
        CARBON DIOXIDE REMOVAL
        EXHAUST GASES
        POLLUTION
        SOOT

SMOKE DETECTORS
  0603
  GS    MEASURING INSTRUMENTS
        .INDICATING INSTRUMENTS
        .#SMOKE DETECTORS
  RT    FIRE PREVENTION
        FUMES
        GAS DETECTORS
        SAFETY DEVICES
        SIGNAL PROCESSING

SMOKE TRAILS
  0202 2003 3301
  RT %  TRACKS
        WIND DIRECTION
        WIND MEASUREMENT
        WIND PROFILES

SMOOTHING
  0705 0710 1002 1902 1905
  GS   #SMOOTHING
        .DATA SMOOTHING
  RT    ADJUSTING
        FLATTENING
        HONING
        LEVELING
        PLANING
        POLISHING
        ROUGHNESS

SMS
  USE   SYNCHRONOUS METEOROLOGICAL
        SATELLITE

SMS (SHUTTLE)
  USE   SHUTTLE MISSION SIMULATOR

SMS 1
  3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..SYNCHRONOUS EARTH OBSERVATORY
          SATELLITE
        ..#SMS 1
        ..SYNCHRONOUS METEOROLOGICAL
          SATELLITE
        .SYNCHRONOUS SATELLITES
        ..SYNCHRONOUS EARTH OBSERVATORY
          SATELLITE
        ..#SMS 1
        ..SYNCHRONOUS METEOROLOGICAL
          SATELLITE
        ..#SMS 1
  RT    GOES 2
        NOAA SATELLITES

SMS 2
  3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        ..SYNCHRONOUS EARTH OBSERVATORY
          SATELLITE
        ..#SMS 2
        ..SYNCHRONOUS METEOROLOGICAL
          SATELLITE
        ..#SMS 2
        .SYNCHRONOUS SATELLITES
        ..SYNCHRONOUS EARTH OBSERVATORY
          SATELLITE
        ..#SMS 2
        ..SYNCHRONOUS METEOROLOGICAL
          SATELLITE
        ..#SMS 2
  RT    GOES 2
        NOAA SATELLITES

SMU (MANEUVERING UNITS)
  USE   SELF MANEUVERING UNITS

SNAILS
  0402
  GS    ANIMALS
        .INVERTEBRATES
        ..MOLLUSKS
        ..#SNAILS

SNAKES
  0402
  GS    ANIMALS
        .VERTEBRATES
        ..REPTILES
        ..#SNAKES

SNAKING
  USE   LATERAL OSCILLATION

SNAP
```

```
0301 2201 2802
UF   SYSTEMS FOR NUCLEAR AUXILIARY POWER
GS   AUXILIARY POWER SOURCES
     .NUCLEAR AUXILIARY POWER UNITS
     .#SNAP
     ...FISSION ELECTRIC CELLS
     ....SNAP 2
     ....SNAP 4
     ....SNAP 8
     ....SNAP 10A
     ...SNAP 1
     ...SNAP 3
     ...SNAP 7
     ...SNAP 9A
     ...SNAP 11
     ...SNAP 13
     ...SNAP 15
     ...SNAP 17
     ...SNAP 19
     ...SNAP 21
     ...SNAP 23
     ...SNAP 27
     ...SNAP 29
     ...SNAP 50
     NUCLEAR ELECTRIC POWER GENERATION
     .NUCLEAR AUXILIARY POWER UNITS
     .#SNAP
     ...FISSION ELECTRIC CELLS
     ....SNAP 2
     ....SNAP 4
     ....SNAP 8
     ....SNAP 10A
     ...SNAP 1
     ...SNAP 3
     ...SNAP 7
     ...SNAP 9A
     ...SNAP 11
     ...SNAP 13
     ...SNAP 15
     ...SNAP 17
     ...SNAP 19
     ...SNAP 21
     ...SNAP 23
     ...SNAP 27
     ...SNAP 29
     ...SNAP 50
RT   ELECTRIC GENERATORS
     HEAT EXCHANGERS
     NUCLEAR POWER REACTORS
     SNAPTRAN REACTOR
     SPACE POWER UNIT REACTORS
   % SYSTEMS
     THERMIONIC CONVERTERS
     THERMIONIC POWER GENERATION
     THERMOELECTRIC GENERATORS
     THERMOELECTRIC POWER GENERATION
     TRANSIENT REACTOR TEST FACILITY
     TURBOGENERATORS

SNAP 1
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 1
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 1
  RT   HEAT EXCHANGERS
       TURBOGENERATORS

SNAP 2
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ...#SNAP 2
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 2
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ...#SNAP 2
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 2
       .NUCLEAR POWER REACTORS
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 2
       NUCLEAR REACTORS
       .NUCLEAR POWER REACTORS
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 2
  RT   HEAT EXCHANGERS
       SPACE POWER UNIT REACTORS
       TURBOGENERATORS

SNAP 3
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 3
       ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       ..THERMOELECTRIC GENERATORS
       ..#SNAP 3
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 3

SNAP 4
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ...#SNAP 4
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 4
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ...#SNAP 4
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 4
       .NUCLEAR POWER REACTORS
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 4
       NUCLEAR REACTORS
       .NUCLEAR POWER REACTORS
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 4
  RT   SPACE POWER UNIT REACTORS

SNAP 7
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 7
       ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       ..RADIOISOTOPE BATTERIES
       ..#SNAP 7
       ..THERMOELECTRIC GENERATORS
       ..#SNAP 7
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 7

SNAP 8
```

```
  2201 2204 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ...#SNAP 8
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 8
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ...#SNAP 8
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 8
       .NUCLEAR POWER REACTORS
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 8
       NUCLEAR REACTORS
       .NUCLEAR POWER REACTORS
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 8
  RT   HEAT EXCHANGERS
       SPACE POWER UNIT REACTORS
       TURBOGENERATORS

SNAP 9A
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 9A
       ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       ..RADIOISOTOPE BATTERIES
       ..#SNAP 9A
       ..THERMOELECTRIC GENERATORS
       ..#SNAP 9A
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 9A

SNAP 10A
  2201 2204 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ...#SNAP 10A
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 10A
       ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       ..THERMOELECTRIC GENERATORS
       ..#SNAP 10A
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ...FISSION ELECTRIC CELLS
       ...#SNAP 10A
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 10A
       .NUCLEAR POWER REACTORS
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 10A
       NUCLEAR REACTORS
       .NUCLEAR POWER REACTORS
       ..SPACE POWER REACTORS
       ...FISSION ELECTRIC CELLS
       ...#SNAP 10A
  RT   HEAT EXCHANGERS
       SNAPSHOT SATELLITE

SNAP 11
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 11
       ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       ..RADIOISOTOPE BATTERIES
       ..#SNAP 11
       ..THERMOELECTRIC GENERATORS
       ..#SNAP 11
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 11

SNAP 13
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 13
       ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       ..RADIOISOTOPE BATTERIES
       ..#SNAP 13
       ..THERMIONIC CONVERTERS
       ..#SNAP 13
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 13
  RT   THERMIONIC POWER GENERATION

SNAP 15
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 15
       ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       ..RADIOISOTOPE BATTERIES
       ..#SNAP 15
       ..THERMOELECTRIC GENERATORS
       ..#SNAP 15
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 15

SNAP 17
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 17
       ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       ..RADIOISOTOPE BATTERIES
       ..#SNAP 17
       ..THERMOELECTRIC GENERATORS
       ..#SNAP 17
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 17

SNAP 19
  2201 2802
  GS   AUXILIARY POWER SOURCES
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
       ..#SNAP 19
       ELECTRIC GENERATORS
       .DIRECT POWER GENERATORS
       ..RADIOISOTOPE BATTERIES
       ..#SNAP 19
       ..THERMOELECTRIC GENERATORS
       ..#SNAP 19
       NUCLEAR ELECTRIC POWER GENERATION
       .NUCLEAR AUXILIARY POWER UNITS
       ..SNAP
```

..#SNAP 19

SNAP 21
2201 2802
GS AUXILIARY POWER SOURCES
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 21
ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..RADIOISOTOPE BATTERIES
..#SNAP 21
..THERMOELECTRIC GENERATORS
..#SNAP 21
NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 21

SNAP 23
2201 2802
GS AUXILIARY POWER SOURCES
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 23
ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..RADIOISOTOPE BATTERIES
..#SNAP 23
..THERMOELECTRIC GENERATORS
..#SNAP 23
NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 23

SNAP 27
2201 2802 2803
GS AUXILIARY POWER SOURCES
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 27
ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..RADIOISOTOPE BATTERIES
..#SNAP 27
..THERMOELECTRIC GENERATORS
..#SNAP 27
NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 27

SNAP 29
2201 2802 2803
GS AUXILIARY POWER SOURCES
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 29
ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..RADIOISOTOPE BATTERIES
..#SNAP 29
..THERMOELECTRIC GENERATORS
..#SNAP 29
NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 29

SNAP 50
2201 2802
GS AUXILIARY POWER SOURCES
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 50
..SPACE POWER REACTORS
..#SNAP 50
NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR AUXILIARY POWER UNITS
..SNAP
..#SNAP 50
..SPACE POWER REACTORS
..#SNAP 50
RT SPACE POWER UNIT REACTORS

SNAPSHOT SATELLITE
3107
GS ARTIFICIAL SATELLITES
#SNAPSHOT SATELLITE
RT SNAP 10A

SNAPTRAN REACTOR
2201 2204
RT % REACTORS
SNAP

SNATCHING
USE SPACECRAFT RECOVERY

SNEAK CIRCUIT ANALYSIS
0902
GS NETWORK ANALYSIS
#SNEAK CIRCUIT ANALYSIS
RT AUTOMATIC TEST EQUIPMENT
CIRCUIT PROTECTION
CIRCUIT RELIABILITY
CRITICAL PATH METHOD
ELECTRIC NETWORKS
ELECTRICAL FAULTS
RELIABILITY ENGINEERING
SHORT CIRCUITS
SIGNAL FLOW GRAPHS
TREES (MATHEMATICS)

SNEEZING
0405 0408
GS REFLEXES
.RESPIRATORY REFLEXES
.#SNEEZING
RT INVOLUNTARY ACTIONS
VASOCONSTRICTION

SNELLEN TESTS
0405 0408
RT % TESTS
VISUAL ACUITY

SNELLS LAW
2310
GS LAWS
#SNELLS LAW
RT GEOMETRICAL OPTICS
% OPTICS
REFRACTION
REFRACTIVITY

SNOW
2001 2003 2303
GS PRECIPITATION (METEOROLOGY)
#SNOW
RT ACID RAIN
CIRQUES (LANDFORMS)
CLOUD GLACIATION
GRAUPEL
ICE FORMATION
SLUSH
STORMS (METEOROLOGY)

SNOW AERIAL APPLICATOR AIRCRAFT S-2B
USE S-2 AIRCRAFT

SNOW AIRCRAFT
0201 0204
GS #SNOW AIRCRAFT
.S-2 AIRCRAFT
RT % AIRCRAFT
UTILITY AIRCRAFT

SNOW COVER
2001 2003 2303
GS PRECIPITATION (METEOROLOGY)
#SNOW COVER
RT CLOUD GLACIATION
COLD WEATHER

STORM DAMAGE
STORMS
STORMS (METEOROLOGY)

SNOW S-2 AIRCRAFT
USE S-2 AIRCRAFT

SNOWPLOW EFFECT
USE PLASMA DYNAMICS

SNOWSTORMS
1308 2001 2003
GS STORMS
.STORMS (METEOROLOGY)
.#SNOWSTORMS
RT CLIMATOLOGY
PRECIPITATION (METEOROLOGY)
STORM ENHANCEMENT
STORM SUPPRESSION
WEATHER FORECASTING
WEATHER MODIFICATION

% SOAKING
0602 1701 1704 3303
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BATHS
HEAT TREATMENT
HEATING
SUBMERGING
WATER IMMERSION
WETTING

SOAPS
0504 1808
RT DETERGENTS
STEARATES
SURFACTANTS
WETTING

SOARING
0101 0201 0205
RT CLIMBING FLIGHT
COASTING FLIGHT
% FLIGHT
GLIDERS
GLIDING
HANG GLIDERS
HORIZONTAL FLIGHT
MAN POWERED AIRCRAFT
VERTICAL AIR CURRENTS

SOBOLEV SPACE
1902
GS ALGEBRA
.VECTOR SPACES
..BANACH SPACE
...HILBERT SPACE
...#SOBOLEV SPACE
ANALYSIS (MATHEMATICS)
.FUNCTION SPACE
..BANACH SPACE
...HILBERT SPACE
...#SOBOLEV SPACE
.FUNCTIONAL ANALYSIS
..BANACH SPACE
...HILBERT SPACE
...#SOBOLEV SPACE
RT BOUNDARY VALUE PROBLEMS
EUCLIDEAN GEOMETRY

SOCIAL FACTORS
0410 3402 3403
GS SOCIOLOGY
#SOCIAL FACTORS
..ETHNIC FACTORS
RT ANTHROPOLOGY
CRIME
CULTURE (SOCIAL SCIENCES)
POLICE
RACE FACTORS
SPACE PSYCHOLOGY
STARSITE PROGRAM
URBAN PLANNING
URBAN RESEARCH
% VARIABLE

SOCIAL ISOLATION
0410 3402
GS ISOLATION
#SOCIAL ISOLATION
RT SOCIOLOGY

SOCIAL PSYCHIATRY
0405 0408 0410 3402
GS MEDICAL SCIENCE
.PSYCHIATRY
.#SOCIAL PSYCHIATRY
RT SOCIOLOGY

SOCIOLOGY
3402
GS #SOCIOLOGY
.SOCIAL FACTORS
..ETHNIC FACTORS
RT ANTHROPOLOGY
CASE HISTORIES
CITIES
COMMUNITIES
CULTURE (SOCIAL SCIENCES)
DEMOGRAPHY
DEPENDENCE
GROUP DYNAMICS
HUMAN RELATIONS
MINORITIES
POLITICS
RACE FACTORS
RETIREMENT
SOCIAL ISOLATION
SOCIAL PSYCHIATRY
SYSTEMS ANALYSIS
URBAN PLANNING

SOCKS
1811
GS CLOTHING
#SOCKS
RT FABRICS
SHOES

SOD
0404 1305
RT CANOPIES (VEGETATION)
FARMLANDS
GRASSES
GRASSLANDS
LAND
PLOWING

SODALITE
0605 1407 2306
RT CHEMICAL REACTIONS
PHOTOCHEMICAL REACTIONS
PHOTOCHROMISM

SODAR
2301
RT ACOUSTIC SCATTERING
ATMOSPHERIC TEMPERATURE
% INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
METEOROLOGY
SOUND DETECTING AND RANGING
TEMPERATURE MEASUREMENT

SODIUM
0603 1703
GS CHEMICAL ELEMENTS
.ALKALI METALS
.#SODIUM
...LIQUID SODIUM
...SODIUM ISOTOPES
....SODIUM 22

....SODIUM 24
...SODIUM VAPOR
METALS
.ALKALI METALS
.#SODIUM
...LIQUID SODIUM
...SODIUM ISOTOPES
....SODIUM 22
....SODIUM 24
...SODIUM VAPOR
RT DAWSONITE
ELECTROLYTE METABOLISM
LIQUID METAL COOLED REACTORS

SODIUM ALLOYS
1701 1704
GS ALLOYS
#SODIUM ALLOYS

SODIUM AZIDES
0603 1804
GS NITROGEN COMPOUNDS
.AZIDES (INORGANIC)
.#SODIUM AZIDES
.AZIDES (ORGANIC)
.#SODIUM AZIDES
SODIUM COMPOUNDS
#SODIUM AZIDES
RT DETONATORS
EXPLOSIVES

SODIUM BROMIDES
0603 1804
GS HALOGEN COMPOUNDS
.BROMINE COMPOUNDS
..BROMIDES
..#SODIUM BROMIDES
.HALIDES
..BROMIDES
..#SODIUM BROMIDES
..METAL HALIDES
...ALKALI HALIDES
...#SODIUM BROMIDES
SODIUM COMPOUNDS
#SODIUM BROMIDES

SODIUM CARBONATES
0603 1808
GS CARBON COMPOUNDS
.CARBONATES
.#SODIUM CARBONATES
SODIUM COMPOUNDS
#SODIUM CARBONATES
RT DAWSONITE

SODIUM CHLORIDES
0603 1804
GS HALOGEN COMPOUNDS
.CHLORINE COMPOUNDS
..CHLORIDES
..#SODIUM CHLORIDES
.HALIDES
..CHLORIDES
..#SODIUM CHLORIDES
..METAL HALIDES
...ALKALI HALIDES
...#SODIUM CHLORIDES
SODIUM COMPOUNDS
#SODIUM CHLORIDES
RT MOLTEN SALTS
SALT BEDS
% SALTS

SODIUM CHLORODIFLUOROACETATES
1808
GS ACETATES
#SODIUM CHLORODIFLUOROACETATES
ESTERS
#SODIUM CHLORODIFLUOROACETATES

SODIUM CHROMITES
0603 1804
GS CHROMIUM COMPOUNDS
#SODIUM CHROMITES
SODIUM COMPOUNDS
#SODIUM CHROMITES

SODIUM COMPOUNDS
0603 1804 1808
GS #SODIUM COMPOUNDS
.CRYOLITE
.NEMBUTAL (TRADEMARK)
.NEPHELINE
.SODIUM AZIDES
.SODIUM BROMIDES
.SODIUM CARBONATES
.SODIUM CHLORIDES
.SODIUM CHROMITES
.SODIUM FLUORIDES
.SODIUM GALLATES
.SODIUM HYDRIDES
.SODIUM HYDROXIDES
.SODIUM IODIDES
.SODIUM NITRATES
.SODIUM PEROXIDES
.SODIUM SALICYLATES
.SODIUM SILICATES
..SPODUMENE
..TALC
..TOURMALINE
.SODIUM SULFATES
.SODIUM SULFITES
RT % ALKALI METAL COMPOUNDS
BLOEDITE
% CHEMICAL COMPOUNDS
% METAL COMPOUNDS

SODIUM COOLING
1803 2203
SN (COOLING WITH SODIUM)
GS COOLING
#SODIUM COOLING
RT COOLANTS
LIQUID COOLED REACTORS
LIQUID COOLING

SODIUM FLUORIDES
0603 1804
GS HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORIDES
...METAL FLUORIDES
...#SODIUM FLUORIDES
.HALIDES
..METAL HALIDES
...ALKALI HALIDES
...#SODIUM FLUORIDES
SODIUM COMPOUNDS
#SODIUM FLUORIDES

SODIUM GALLATES
0603 1804
GS GALLIUM COMPOUNDS
.GALLATES
.#SODIUM GALLATES
SODIUM COMPOUNDS
#SODIUM GALLATES

SODIUM GRAPHITE REACTORS
2203 2204
UF SGR (NUCLEAR REACTORS)
GS NUCLEAR REACTORS
.LIQUID COOLED REACTORS
..LIQUID METAL COOLED REACTORS
..#SODIUM GRAPHITE REACTORS
RT HALLAM NUCLEAR POWER FACILITY
NUCLEAR POWER REACTORS

SODIUM HYDRIDES
0603 1804
GS HYDROGEN COMPOUNDS
.HYDRIDES
..METAL HYDRIDES
..#SODIUM HYDRIDES
SODIUM COMPOUNDS

```
        #SODIUM HYDRIDES

SODIUM HYDROXIDES
  0603 1804
  GS    BASES (CHEMICAL)
        .ALKALIES
        .#SODIUM HYDROXIDES
        HYDROXIDES
        #SODIUM HYDROXIDES
        SODIUM COMPOUNDS
        #SODIUM HYDROXIDES

SODIUM IODIDES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .HALIDES
        ..METAL HALIDES
        ...ALKALI HALIDES
        ...#SODIUM IODIDES
        .IODINE COMPOUNDS
        ..IODIDES
        ..#SODIUM IODIDES
        SODIUM COMPOUNDS
        #SODIUM IODIDES

SODIUM ISOTOPES
  2406
  GS    CHEMICAL ELEMENTS
        .ALKALI METALS
        ..SODIUM
        ..#SODIUM ISOTOPES
        ....SODIUM 22
        ....SODIUM 24
        .NUCLIDES
        ..ISOTOPES
        ..#SODIUM ISOTOPES
        ....SODIUM 22
        ....SODIUM 24
        METALS
        .ALKALI METALS
        ..SODIUM
        ..#SODIUM ISOTOPES
        ....SODIUM 22
        ....SODIUM 24

SODIUM NITRATES
  0603 1804
  GS    NITROGEN COMPOUNDS
        .NITRATES
        ..INORGANIC NITRATES
        ..#SODIUM NITRATES
        SODIUM COMPOUNDS
        #SODIUM NITRATES

SODIUM PEROXIDES
  0603 1804
  GS    CHALCOGENIDES
        .OXIDES
        ..ANHYDRIDES
        ...PEROXIDES
        ...#SODIUM PEROXIDES
        ..METAL OXIDES
        ..#SODIUM PEROXIDES
        SODIUM COMPOUNDS
        #SODIUM PEROXIDES

SODIUM REACTOR EXPERIMENT
  2202 2204 3404
  UF    SRE REACTOR
  GS    NUCLEAR REACTORS
        .LIQUID COOLED REACTORS
        ..LIQUID METAL COOLED REACTORS
        ..#SODIUM REACTOR EXPERIMENT
        .NUCLEAR RESEARCH AND TEST REACTORS
        .#SODIUM REACTOR EXPERIMENT

SODIUM SALICYLATES
  0603 1804
  GS    ESTERS
        #SODIUM SALICYLATES
        SALICYLATES
        #SODIUM SALICYLATES
        SODIUM COMPOUNDS
        #SODIUM SALICYLATES

SODIUM SILICATES
  0603 1804
  GS    SILICON COMPOUNDS
        .SILICATES
        .#SODIUM SILICATES
        ...SPODUMENE
        ...TALC
        ...TOURMALINE
        SODIUM COMPOUNDS
        #SODIUM SILICATES
        ..SPODUMENE
        ..TALC
        ..TOURMALINE
  RT    MINERALS

SODIUM SULFATES
  0603
  GS    SODIUM COMPOUNDS
        #SODIUM SULFATES
        SULFUR COMPOUNDS
        .SULFATES
        .#SODIUM SULFATES

SODIUM SULFITES
  0603 1804
  GS    SODIUM COMPOUNDS
        #SODIUM SULFITES
        SULFUR COMPOUNDS
        .SULFITES
        .#SODIUM SULFITES

SODIUM SULFUR BATTERIES
  0904
  GS    ELECTRIC GENERATORS
        .DIRECT POWER GENERATORS
        ..PRIMARY BATTERIES
        ..#SODIUM SULFUR BATTERIES
        ELECTROCHEMICAL CELLS
        .ELECTRIC BATTERIES
        ..PRIMARY BATTERIES
        ..#SODIUM SULFUR BATTERIES
  RT %  ELECTRIC CELLS

SODIUM VAPOR
  0603 0605
  GS    CHEMICAL ELEMENTS
        .ALKALI METALS
        ..SODIUM
        ..#SODIUM VAPOR
        METALS
        .ALKALI METALS
        ..SODIUM
        ..#SODIUM VAPOR
        .METAL VAPORS
        .#SODIUM VAPOR
        VAPORS
        .METAL VAPORS
        .#SODIUM VAPOR
  RT    MERCURY VAPOR

SODIUM 22
  0603 1703 2406
  GS    CHEMICAL ELEMENTS
        .ALKALI METALS
        ..SODIUM
        ...SODIUM ISOTOPES
        ...#SODIUM 22
        .NUCLIDES
        ..ISOTOPES
        ...RADIOACTIVE ISOTOPES
        ...#SODIUM 22
        ...SODIUM ISOTOPES
        ...#SODIUM 22
        METALS
        .ALKALI METALS
        ..SODIUM
        ...SODIUM ISOTOPES
        ...#SODIUM 22

SODIUM 24
```

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  0411 0603 1703 2406
  GS   CHEMICAL ELEMENTS
       .ALKALI METALS
       ..SODIUM
       ...SODIUM ISOTOPES
       ...#SODIUM 24
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ...#SODIUM 24
       ...SODIUM ISOTOPES
       ...#SODIUM 24
       METALS
       .ALKALI METALS
       ..SODIUM
       ...SODIUM ISOTOPES
       ...#SODIUM 24

SOFAR
  USE  SOUND FIXING AND RANGING

SOFIA (AIRBORNE OBSERVATORY)
  3001 3009
  SN   (STRATOSPHERIC OBSERVATORY FOR
       INFRARED ASTRONOMY)
  UF   STRATOSPHERIC OBSERVATORY FOR IR
       ASTRONOMY
  GS   OBSERVATORIES
       .ASTRONOMICAL OBSERVATORIES
       .#SOFIA (AIRBORNE OBSERVATORY)
  RT   KUIPER AIRBORNE OBSERVATORY
       SPACEBORNE ASTRONOMY

SOFT LANDING
  3004 3007 3009
  SN   (SPACECRAFT OR AIRCRAFT)
  UF   SOFT RECOVERY
  GS   LANDING
       #SOFT LANDING
  RT   AIRCRAFT LANDING
     % ASTRONAUTICS
       CRASH LANDING
       GLIDE LANDINGS
       HARD LANDING
       HORIZONTAL SPACECRAFT LANDING
       LUNAR LANDING
       MARS LANDING
       PLANETARY LANDING
       SPACECRAFT LANDING
       SURVEYOR PROJECT
       VIKING 1975 ENTRY VEHICLE
       WATER LANDING

SOFT LANDING SPACECRAFT
  3104 3109 3110
  UF   SLV (SOFT LANDING VEHICLES)
  GS  #SOFT LANDING SPACECRAFT
       .AEROSPACE PLANES
       ..HOTOL LAUNCH VEHICLE
       ..X-30 VEHICLE
       .APOLLO SPACECRAFT
       ..APOLLO LUNAR EXPERIMENT MODULE
       .ASTRO VEHICLE
       .BURAN SPACE SHUTTLE
       .GEMINI B SPACECRAFT
       .GEMINI SPACECRAFT
       ..GEMINI (GT-1) SPACECRAFT
       ..GEMINI 2 SPACECRAFT
       .JANUS SPACECRAFT
       .LANDING MODULES
       ..LUNAR LANDING MODULES
       ...LUNAR MODULE
       ....APOLLO LUNAR EXPERIMENT MODULE
       ....LSSM
       ....LUNAR MODULE 5
       ....LUNAR MODULE 7
       ..MARS EXCURSION MODULE
       .MERCURY SPACECRAFT
       ..AURORA 7
       ..FAITH 7
       ..FRIENDSHIP 7
       ..SIGMA 7
       .SURVEYOR LUNAR PROBES
       ..SURVEYOR 1 LUNAR PROBE
       ..SURVEYOR 2 LUNAR PROBE
       ..SURVEYOR 3 LUNAR PROBE
       ..SURVEYOR 4 LUNAR PROBE
       ..SURVEYOR 5 LUNAR PROBE
       ..SURVEYOR 6 LUNAR PROBE
       ..SURVEYOR 7 LUNAR PROBE
       .VOSKHOD MANNED SPACECRAFT
       ..VOSKHOD 1 SPACECRAFT
       ..VOSKHOD 2 SPACECRAFT
       .VOSTOK SPACECRAFT
       ..VOSTOK 1 SPACECRAFT
       ..VOSTOK 2 SPACECRAFT
       ..VOSTOK 3 SPACECRAFT
       ..VOSTOK 4 SPACECRAFT
       ..VOSTOK 5 SPACECRAFT
       ..VOSTOK 6 SPACECRAFT
  RT   APOLLO PROJECT
       FERRY SPACECRAFT
       HOVERING ROCKET VEHICLES
       LUNAR PROBES
       REUSABLE SPACECRAFT
       SPACE CAPSULES
     % SPACECRAFT
       SPACECRAFT LANDING
       SURVEYOR PROJECT
       X-20 AIRCRAFT

SOFT RECOVERY
  USE  SOFT LANDING

SOFTENING
  1202 3303
  SN   (EXCLUDES WATER SOFTENING)
  GS  #SOFTENING
       .WORK SOFTENING
  RT   ANNEALING
       DEIONIZATION
       DEMINERALIZING
       DIGESTING
       DISSOLVING
       HARDENING (MATERIALS)
       ION EXCHANGING

SOFTNESS
  3408
  RT   DUCTILITY
       ELASTIC PROPERTIES
       FLEXIBILITY
       HARDNESS
       STIFFNESS

SOFTWARE (COMPUTERS)
  USE  COMPUTER PROGRAMS
       COMPUTER SYSTEMS PROGRAMS

SOFTWARE ENGINEERING
  0802 4001
  RT   COMPUTER PROGRAMMING
       COMPUTER PROGRAMS
       COMPUTER SYSTEMS DESIGN
       COMPUTER SYSTEMS PROGRAMS
       COMPUTER VIRUSES
       DATA BASES
     % ENGINEERING
       OBJECT-ORIENTED PROGRAMMING
       PROGRAMMING ENVIRONMENTS
       REVERSE ENGINEERING
       SOFTWARE RELIABILITY
       SOFTWARE REUSE
       SOFTWARE TOOLS
       STRUCTURED PROGRAMMING
       SYSTEMS ENGINEERING
       UNIX (OPERATING SYSTEM)

SOFTWARE ENGINEERING ENVIRONMENTS
  USE  PROGRAMMING ENVIRONMENTS

SOFTWARE RELIABILITY
  0802 4001
  UF   COMPUTER PROGRAM RELIABILITY
       PROGRAM RELIABILITY (COMPUTERS)
```

GS RELIABILITY
#SOFTWARE RELIABILITY
..COMPUTER PROGRAM INTEGRITY
RT COMPUTER PROGRAMMING
COMPUTER PROGRAMS
COMPUTER SYSTEMS PERFORMANCE
PROGRAM VERIFICATION (COMPUTERS)
RELIABILITY ANALYSIS
SOFTWARE ENGINEERING

SOFTWARE REUSE
0802
GS UTILIZATION
.REUSE
.#SOFTWARE REUSE
RT COMPUTER PROGRAMMING
COMPUTER PROGRAMS
PRODUCTIVITY
SOFTWARE ENGINEERING
SOFTWARE TOOLS

SOFTWARE TOOLS
0802 4001
RT ARCHITECTURE (COMPUTERS)
COMPUTER PROGRAMMING
COMPUTER PROGRAMS
COMPUTER SYSTEMS DESIGN
COMPUTER SYSTEMS PROGRAMS
DATA BASE MANAGEMENT SYSTEMS
PROGRAM VERIFICATION (COMPUTERS)
PROGRAMMING ENVIRONMENTS
REVERSE ENGINEERING
SCIENTIFIC VISUALIZATION
SOFTWARE ENGINEERING
SOFTWARE REUSE
WINDOWS (COMPUTER PROGRAMS)

SOHO MISSION
1308 3009 3104 3409
UF SOLAR AND HELIOSPHERIC OBSERVATORY
GS SPACE MISSIONS
#SOHO MISSION
RT CLUSTER MISSION
ESA SATELLITES
EUROPEAN SPACE PROGRAMS
HELIOSPHERE
INTERNATIONAL COOPERATION
% MISSIONS
SCIENTIFIC SATELLITES
SOLAR CORONA
SOLAR INTERIOR
SOLAR OBSERVATORIES
SOLAR WIND

SOI (SEMICONDUCTORS)
0904
UF SILICON-ON-INSULATOR SEMICONDUCTORS
GS ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
..#SOI (SEMICONDUCTORS)
RT FIELD EFFECT TRANSISTORS
METAL OXIDE SEMICONDUCTORS
SILICON FILMS
SILICON JUNCTIONS
SILICON TRANSISTORS
SIS (SEMICONDUCTORS)
SOS (SEMICONDUCTORS)

SOIL EROSION
2003 1306
GS EROSION
#SOIL EROSION
RT ABRASION
ATMOSPHERIC EFFECTS
DETERIORATION
ENVIRONMENT EFFECTS
HYDROGEOLOGY
LANDSLIDES
OUTLIERS (LANDFORMS)
RAIN EROSION
RAIN IMPACT DAMAGE
SOILS
WATER EROSION
WEATHERING
WIND EFFECTS

SOIL MAPPING
1303 1305 1306 1308
GS MAPPING
#SOIL MAPPING
RT GEOGRAPHIC APPLICATIONS PROGRAM
MAPS
PHOTOMAPPING
SOILS
SPOT (FRENCH SATELLITE)
SURVEYS
TERRAIN ANALYSIS

SOIL MECHANICS
1306 1308 1806
RT CRUSTAL FRACTURES
FRACTURE MECHANICS
GEOTECHNICAL ENGINEERING
GEOTECHNICAL FABRICS
ROCK MECHANICS

SOIL MOISTURE
1306 1308
GS MOISTURE
#SOIL MOISTURE
RT LYSIMETERS
MOISTURE CONTENT
PLANT STRESS
SOILS
VEGETATION GROWTH

SOIL SCIENCE
0403 0404 1306 1806
UF PEDOLOGY
RT AGRICULTURE
CONSERVATION
EROSION
SOILS
VEGETATION GROWTH

SOILS
0404 3009 1306
GS #SOILS
.ALLUVIUM
.DIRT
.GRAVELS
.LATERITES
.LUNAR SOIL
..LUNAR DUST
.MUD
.PERMAFROST
.SANDS
..MONAZITE SANDS
..TAR SANDS
RT ANDESITE
ANORTHOSITE
ATAXITE
BARREN LAND
BASALT
BEDROCK
BENTONITE
BOREHOLES
BRECCIA
CARBONACEOUS ROCKS
CLAYS
COAL
CONSERVATION
CULTIVATION
DELTAS
DIORITE
DUNITE
EARTH RESOURCES
ECLOGITE
ENSTATITE
FORMATIONS
GEOLOGY
GNEISS
GRANITE
IGNEOUS ROCKS

ILLITE
KAOLINITE
LAND
LANDSLIDES
LAVA
LIMESTONE
LYSIMETERS
MAGMA
MINERALS
MOLDAVITE
MUSKEGS
OBSIDIAN
OLIVINE
PERIDOTITE
PLANTING
POLYURETHANE FOAM
POROUS MATERIALS
PUMICE
PYROXENES
QUARTZ
ROCKS
SANDSTONES
SEDIMENTARY ROCKS
SERPENTINE
SHALES
SOIL EROSION
SOIL MAPPING
SOIL MOISTURE
SOIL SCIENCE
STRIP MINING
SYENITE
TRACHYTE
TUNNELING (EXCAVATION)
VADOSE WATER
VEGETATION GROWTH

SOL-GEL PROCESSES
2202 2203 2405
RT CERAMIC NUCLEAR FUELS
NUCLEAR FUELS
% PROCESSES

SOLAR ACTIVITY
2902 3001
GS STELLAR ACTIVITY
#SOLAR ACTIVITY
..FACULAE
..SOLAR FLARES
..SOLAR PROMINENCES
..SOLAR STORMS
..SPICULES
..SUNSPOTS
RT % ACTIVITY
AURORAS
% DISTURBANCES
INTERNATIONAL QUIET SUN YEAR
IRIS SATELLITES
MAGNETIC DISTURBANCES
PROMINENCES
RADIO AURORAS
SOLAR CONVECTION (ASTRONOMY)
SOLAR INTERIOR
SOLAR PLANETARY INTERACTIONS
STARSPOTS
SUN
SUNSPOT CYCLE

SOLAR ACTIVITY EFFECTS
1301 1302 2902
RT BLACKOUT (PROPAGATION)
% EFFECTS
GALACTIC COSMIC RAYS
HELIOSPHERE
MAGNETIC DISTURBANCES
SECULAR VARIATIONS
SOLAR OSCILLATIONS
SOLAR PLANETARY INTERACTIONS
SUDDEN IONOSPHERIC DISTURBANCES
SUDDEN STORM COMMENCEMENTS
SUN

SOLAR AND HELIOSPHERIC OBSERVATORY
USE SOHO MISSION

SOLAR ARRAYS
0301
UF ROLLUP SOLAR ARRAYS
GS ARRAYS
#SOLAR ARRAYS
..SOLAR BLANKETS
RT ELECTROSTATIC BONDING
PAYLOAD DELIVERY (STS)
PHOTOVOLTAIC CONVERSION
POWER MODULES (STS)
SATELLITE POWER TRANSMISSION
SELF SHADOWING
SOLAR ATRIUMS
SPACE STATION POWER SUPPLIES
SUN

SOLAR ATMOSPHERE
3001 3009
GS ENVIRONMENTS
.EXTRATERRESTRIAL ENVIRONMENTS
..STELLAR ATMOSPHERES
..#SOLAR ATMOSPHERE
....SOLAR TRANSITION REGION
RT % ATMOSPHERES
CHROMOSPHERE
M REGION
PHOTOSPHERE
SOLAR CONVECTION (ASTRONOMY)
SOLAR OSCILLATIONS
SPICULES
STELLAR STRUCTURE
SUN

SOLAR ATRIUMS
2311
RT SOLAR ARRAYS
SOLAR HEATING
SOLAR REFLECTORS
SPACE HEATING (BUILDINGS)
SUN

SOLAR AUXILIARY POWER UNITS
0301 2201 2802
GS AUXILIARY POWER SOURCES
#SOLAR AUXILIARY POWER UNITS
..ASTEC SOLAR TURBOELECTRIC GENERATOR
ELECTRIC GENERATORS
.SOLAR GENERATORS
.#SOLAR AUXILIARY POWER UNITS
...ASTEC SOLAR TURBOELECTRIC GENERATOR
RT SUN

SOLAR AZIMUTH
USE AZIMUTH
SOLAR POSITION

SOLAR BACKSCATTER UV SPECTROMETER
1406
GS MEASURING INSTRUMENTS
.SPECTROMETERS
.#SOLAR BACKSCATTER UV SPECTROMETER
RT IRRADIANCE
SATELLITE-BORNE INSTRUMENTS

SOLAR BLANKETS
0301
GS ARRAYS
.SOLAR ARRAYS
.#SOLAR BLANKETS
ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..THERMIONIC CONVERTERS
..#SOLAR BLANKETS
RT % BLANKETS
% CONVERTERS
SUN

SOLAR CELL CALIBRATION FACILITY
3107

UF SCCF
GS PAYLOADS
.SPACELAB PAYLOADS
.#SOLAR CELL CALIBRATION FACILITY
RT CALIBRATING
% FACILITIES
SPACE TRANSPORTATION SYSTEM FLIGHTS

SOLAR CELLS
0301 2201
UF SILICON SOLAR CELLS
WRAPAROUND CONTACT SOLAR CELLS
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..PHOTOELECTRIC GENERATORS
...PHOTOVOLTAIC CELLS
...#SOLAR CELLS
.....VERTICAL JUNCTION SOLAR CELLS
.SOLAR GENERATORS
.#SOLAR CELLS
...VERTICAL JUNCTION SOLAR CELLS
ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
...PHOTOVOLTAIC CELLS
...#SOLAR CELLS
.....VERTICAL JUNCTION SOLAR CELLS
PHOTOELECTRIC CELLS
.PHOTOVOLTAIC CELLS
.#SOLAR CELLS
...VERTICAL JUNCTION SOLAR CELLS
RT AMORPHOUS SILICON
ANTIREFLECTION COATINGS
CARRIER LIFETIME
CARRIER TRANSPORT (SOLID STATE)
% CELLS
DIFFUSION LENGTH
% ELECTRIC CELLS
ELECTROSTATIC BONDING
FLOAT ZONES
FUEL CELLS
HETEROJUNCTIONS
HOMOJUNCTIONS
OPEN CIRCUIT VOLTAGE
P-I-N JUNCTIONS
PHOTODIODES
PHOTOVOLTAIC CONVERSION
QUANTUM EFFICIENCY
SATELLITE POWER TRANSMISSION
SATELLITE SOLAR ENERGY CONVERSION
SATELLITE SOLAR POWER STATIONS
SHORT CIRCUIT CURRENTS
SIS (SEMICONDUCTORS)
SOLAR POWERED AIRCRAFT
SPACE STATION POWER SUPPLIES
SPECTROPHOTOVOLTAICS
SUN
THERMIONIC CONVERTERS
THERMOELECTRIC GENERATORS
TUNNEL JUNCTIONS

SOLAR COLLECTORS
0301 2201
UF SOLAR RECEIVERS
GS ACCUMULATORS
#SOLAR COLLECTORS
REFLECTORS
.SOLAR REFLECTORS
.#SOLAR COLLECTORS
RT CONCENTRATORS
MIRRORS
PHOTOTHERMAL CONVERSION
SELECTIVE SURFACES
SOLAR DYNAMIC POWER SYSTEMS
SPACE COOLING (BUILDINGS)
SPECTROPHOTOVOLTAICS
SUN

SOLAR COMPANION STAR
USE NEMESIS (STAR)

SOLAR COMPASSES
1402 2103 2104
GS MEASURING INSTRUMENTS
.INDICATING INSTRUMENTS
..COMPASSES
..#SOLAR COMPASSES
NAVIGATION AIDS
.NAVIGATION INSTRUMENTS
..COMPASSES
..#SOLAR COMPASSES
RT AIR NAVIGATION
AIR TRAFFIC CONTROL
AIRCRAFT SAFETY
AIRPORT BEACONS
ALL-WEATHER AIR NAVIGATION
APPROACH INDICATORS
AUTOMATIC FLIGHT CONTROL
AUTOMATIC PILOTS
BEACONS
DECCA NAVIGATION
DISPLAY DEVICES
DISTANCE MEASURING EQUIPMENT
FLIGHT CONTROL
FLIGHT INSTRUMENTS
FLIGHT PATHS
GYROCOMPASSES
HELIPORTS
HOMING DEVICES
LANDING AIDS
LORAN
MAGNETIC COMPASSES
OMNIDIRECTIONAL RADIO RANGES
POSITION INDICATORS
RADAR BEACONS
RADIO BEACONS
RADIO NAVIGATION
SELF CALIBRATING OMNIRANGE
SHORAN
SUN
TACAN
VHF OMNIRANGE NAVIGATION
WEATHER

SOLAR CONSTANT
2902 3009
GS CONSTANTS
#SOLAR CONSTANT
RATES (PER TIME)
.FLUX DENSITY
..RADIANT FLUX DENSITY
...IRRADIANCE
...#SOLAR CONSTANT
...SOLAR FLUX DENSITY
...#SOLAR CONSTANT
RT ILLUMINANCE
PARTICLE FLUX DENSITY
SUN

SOLAR CONVECTION (ASTRONOMY)
2902 3002
SN (LIMITED TO CONVECTION PHENOMENA OF THE SOLAR ATMOSPHERE AND INTERIOR)
GS CONVECTION
.STELLAR CONVECTION
.#SOLAR CONVECTION (ASTRONOMY)
RT BENARD CELLS
CONVECTION CURRENTS
CONVECTIVE FLOW
DYNAMO THEORY
FLUID FLOW
FREE CONVECTION
RAYLEIGH-BENARD CONVECTION
SOLAR ACTIVITY
SOLAR ATMOSPHERE
SOLAR INTERIOR
SOLAR MAGNETIC FIELD
SOLAR PHYSICS

SOLAR CONVERTERS
USE SOLAR GENERATORS

SOLAR COOLING
GS COOLING

#SOLAR COOLING
RT COOLING SYSTEMS
DOMESTIC ENERGY
ENERGY TECHNOLOGY
RESIDENTIAL ENERGY
SPACE COOLING (BUILDINGS)
SUN

SOLAR CORONA
0705 2306 2402 2901 2902 2903 3001
UF SOLAR NEBULA
GS CORONAS
.STELLAR CORONAS
.#SOLAR CORONA
...CORONAL HOLES
...CORONAL LOOPS
RT CHROMOSPHERE
ELECTRIC CORONA
MAGNETIC CLOUDS
NEBULAE
SOHO MISSION
SOLAR TRANSITION REGION
STELLAR STRUCTURE
SUN

SOLAR CORPUSCULAR RADIATION
2901 2902
UF SOLAR STREAMS
GS EXTRATERRESTRIAL RADIATION
.SOLAR RADIATION
.#SOLAR CORPUSCULAR RADIATION
...SOLAR ELECTRONS
...SOLAR NEUTRINOS
...SOLAR NEUTRONS
...SOLAR PROTONS
PARTICLES
.CORPUSCULAR RADIATION
.#SOLAR CORPUSCULAR RADIATION
...SOLAR ELECTRONS
...SOLAR NEUTRONS
...SOLAR PROTONS
RT M REGION
% RADIATION
SOLAR PLANETARY INTERACTIONS
SUDDEN STORM COMMENCEMENTS
SUN

SOLAR COSMIC RAYS
2901 2902
GS EXTRATERRESTRIAL RADIATION
.PRIMARY COSMIC RAYS
.#SOLAR COSMIC RAYS
.SOLAR RADIATION
.#SOLAR COSMIC RAYS
IONIZING RADIATION
.COSMIC RAYS
..PRIMARY COSMIC RAYS
..#SOLAR COSMIC RAYS
PARTICLES
.CORPUSCULAR RADIATION
..PRIMARY COSMIC RAYS
..#SOLAR COSMIC RAYS
RT ELECTRON ACCELERATION
ENERGETIC PARTICLES
GRIST (TELESCOPE)
SUN

SOLAR CYCLES
2902 3001
GS CYCLES
#SOLAR CYCLES
..SUNSPOT CYCLE
RT INTERNATIONAL QUIET SUN YEAR
IRIS SATELLITES
SECULAR VARIATIONS
SUN
SUNSPOTS
TWENTY-SEVEN DAY VARIATION

SOLAR DIAMETER
1307 3001
RT ASTROMETRY
% SCIENCE
SOLAR ECLIPSES

SOLAR DISK
USE SUN

SOLAR DYNAMIC POWER SYSTEMS
0301
GS ELECTRIC GENERATORS
.SOLAR GENERATORS
.#SOLAR DYNAMIC POWER SYSTEMS
ELECTRIC POWER SUPPLIES
#SOLAR DYNAMIC POWER SYSTEMS
RT BRAYTON CYCLE
HEAT STORAGE
PHOTOTHERMAL CONVERSION
RANKINE CYCLE
SOLAR COLLECTORS
SOLAR ENERGY CONVERSION
SOLAR THERMAL ELECTRIC POWER PLANTS
SPACE STATION POWER SUPPLIES
SPACECRAFT POWER SUPPLIES
STIRLING CYCLE

SOLAR DYNAMICS
USE HELIOSEISMOLOGY

SOLAR ECLIPSES
3001 3002
GS ECLIPSES
#SOLAR ECLIPSES
OCCULTATION
.LUNAR OCCULTATION
.#SOLAR ECLIPSES
RT LUNAR SHADOW
SOLAR DIAMETER
SUN

SOLAR ELECTRIC PROPULSION
0301
GS PROPULSION
.ELECTRIC PROPULSION
.#SOLAR ELECTRIC PROPULSION
.LOW THRUST PROPULSION
..SOLAR PROPULSION
..#SOLAR ELECTRIC PROPULSION
.SPACECRAFT PROPULSION
..SOLAR PROPULSION
..#SOLAR ELECTRIC PROPULSION
RT SOLAR POWERED AIRCRAFT
SOLAR THERMAL PROPULSION
SPACE STATION PROPULSION
SUN

SOLAR ELECTRONS
3002
GS EXTRATERRESTRIAL RADIATION
.SOLAR RADIATION
..SOLAR CORPUSCULAR RADIATION
..#SOLAR ELECTRONS
PARTICLES
.CORPUSCULAR RADIATION
..SOLAR CORPUSCULAR RADIATION
..#SOLAR ELECTRONS
RT SUN

SOLAR ENERGY
2306
RT CIRCUMSOLAR TELESCOPES
CLEAN ENERGY
% ENERGY
ENERGY ABSORPTION FILMS
IRIS SATELLITES
PHASE CHANGE MATERIALS
SOLAR THERMAL ELECTRIC POWER PLANTS
SOLETTAS
SUN

SOLAR ENERGY ABSORBERS
0301
RT ABSORBERS (MATERIALS)
ELECTROMAGNETIC ABSORPTION
PHOTOTHERMAL CONVERSION

SELECTIVE SURFACES
SUN
TROMBE WALLS

SOLAR ENERGY CONVERSION
0301 3303
GS ENERGY CONVERSION
#SOLAR ENERGY CONVERSION
..PHOTOTHERMAL CONVERSION
..PHOTOVOLTAIC CONVERSION
..SOLAR TOTAL ENERGY SYSTEMS
RT COGENERATION
% CONVERSION
ENERGY TECHNOLOGY
HETEROJUNCTION DEVICES
HYDROGEN PRODUCTION
PHASE CHANGE MATERIALS
PHOTOELECTRIC GENERATORS
PHOTOELECTROCHEMICAL DEVICES
SOLAR DYNAMIC POWER SYSTEMS
SOLAR-PUMPED LASERS
SPACE COOLING (BUILDINGS)
SUN

SOLAR FACULAE
USE FACULAE

SOLAR FLARES
2901 2902 3009
GS STELLAR ACTIVITY
.SOLAR ACTIVITY
.#SOLAR FLARES
.STELLAR FLARES
.#SOLAR FLARES
RT CORONAL LOOPS
FLARE STARS
% FLARES
% FLASH
FORBUSH DECREASES
FORCE-FREE MAGNETIC FIELDS
IRIS SATELLITES
MAGNETIC DISTURBANCES
SOLAR MAXIMUM MISSION
SOLAR NEUTRONS
SUDDEN STORM COMMENCEMENTS
SUN
SUNSPOTS

SOLAR FLUX
2902
SN (LIMITED TO ENERGY OR PARTICLES EMITTED FROM THE SUN PER UNIT TIME--SEE SOLAR FLUX DENSITY FOR ENERGY OR PARTICLE EMISSION OR DETECTION RATE PER UNIT AREA)
GS RATES (PER TIME)
.FLUX (RATE)
.#SOLAR FLUX
RT HEAT FLUX
LIMB BRIGHTENING
SUN

SOLAR FLUX DENSITY
2902
SN (LIMITED TO SOLAR ENERGY OR PARTICLE EMISSION OR DETECTION RATE UNIT AREA--SEE SOLAR FLUX FOR EMISSION RATE PER UNIT TIME)
GS RATES (PER TIME)
.FLUX DENSITY
..RADIANT FLUX DENSITY
..#SOLAR FLUX DENSITY
....SOLAR CONSTANT
RT ELECTRON FLUX DENSITY
HELIOS SATELLITES
ILLUMINANCE
IRRADIANCE
LIMB BRIGHTENING
LUMINANCE
LUMINOUS INTENSITY
PARTICLE FLUX DENSITY
PROTON FLUX DENSITY
RADIANCE
RADIANCY
RADIATION PRESSURE
SUN

SOLAR FURNACES
3303
GS HEATING EQUIPMENT
.FURNACES
.#SOLAR FURNACES
RT FORBUSH DECREASES
MELTING
SUN
VACUUM FURNACES

SOLAR GENERATORS
0301
UF SOLAR CONVERTERS
SOLAR POWER GENERATION
SOLAR POWER SOURCES
GS ELECTRIC GENERATORS
#SOLAR GENERATORS
..SOLAR AUXILIARY POWER UNITS
...ASTEC SOLAR TURBOELECTRIC GENERATOR
..SOLAR CELLS
...VERTICAL JUNCTION SOLAR CELLS
..SOLAR DYNAMIC POWER SYSTEMS
RT DIRECT POWER GENERATORS
FUEL CELLS
PADDLES
PHOTOELECTRIC CELLS
PHOTOELECTRIC GENERATORS
PHOTOVOLTAIC CELLS
% POWER SUPPLIES
RANKINE CYCLE
SOLAR SEA POWER PLANTS
SUN
THERMOELECTRIC GENERATORS
TURBOGENERATORS

SOLAR GRANULATION
3001
GS PHOTOSPHERE
#SOLAR GRANULATION
RT BENARD CELLS
BRIGHTNESS DISTRIBUTION
CONVECTION CURRENTS
LIMB BRIGHTENING
SUN
SURFACE LAYERS
TEMPERATURE EFFECTS

SOLAR GRAVITATION
1309 3001 3002 3006
UF EVECTION
GS GRAVITATION
.STELLAR GRAVITATION
.#SOLAR GRAVITATION
RT SUN

SOLAR HEATING
3303
GS HEATING
#SOLAR HEATING
RT BIOCONVERSION
HYDROTHERMAL SYSTEMS
INSOLATION
PHASE CHANGE MATERIALS
RADIANT HEATING
RESIDENTIAL ENERGY
SOLAR ATRIUMS
SPACE HEATING (BUILDINGS)
SUN
SUNLIGHT
TROMBE WALLS

SOLAR HOUSES
3202
RT BUILDINGS
DOMESTIC ENERGY
ENERGY TECHNOLOGY
HEAT STORAGE

RESIDENTIAL ENERGY
SPACE HEATING (BUILDINGS)
SUN
TROMBE WALLS

SOLAR INSTRUMENTS
0301 1410 1412 2201 3001
GS #SOLAR INSTRUMENTS
.SPECTROHELIOGRAPHS
RT CELESCOPES
FILTERGRAMS
OPTICAL MEASURING INSTRUMENTS
RADIATION MEASURING INSTRUMENTS
SOLAR OPTICAL TELESCOPE
SPECTROMETERS
SUN
TELESCOPES

SOLAR INTERIOR
1308 3009
GS STELLAR INTERIORS
#SOLAR INTERIOR
RT HELIOSEISMOLOGY
SOHO MISSION
SOLAR ACTIVITY
SOLAR CONVECTION (ASTRONOMY)
SOLAR PHYSICS
STELLAR CORES
STELLAR STRUCTURE
SUN

SOLAR LASERS
USE SOLAR-PUMPED LASERS

SOLAR LIMB
1308 3001 3002 3008
RT CORONAL LOOPS
LIMB BRIGHTENING
LIMB DARKENING
% LIMBS
PLANETARY LIMB
SUN

SOLAR LONGITUDE
2103 3001
GS LONGITUDE
#SOLAR LONGITUDE
RT ASTRONOMICAL COORDINATES
CELESTIAL REFERENCE SYSTEMS
SUN

SOLAR MAGNETIC FIELD
2307 3001 3002
UF HELIOMAGNETISM
GS MAGNETIC FIELDS
.STELLAR MAGNETIC FIELDS
.#SOLAR MAGNETIC FIELD
RT ELECTROMAGNETIC FIELDS
FORCE-FREE MAGNETIC FIELDS
INTERPLANETARY MAGNETIC FIELDS
MAGNETIC FIELD RECONNECTION
SOLAR CONVECTION (ASTRONOMY)
SUN

SOLAR MAXIMUM MISSION
3004
GS SPACE MISSIONS
#SOLAR MAXIMUM MISSION
..SOLAR MAXIMUM MISSION-A
RT % FLARES
FLUX DENSITY
GAMMA RAY SPECTROMETERS
% MISSIONS
MULTIMISSION MODULAR SPACECRAFT
POLARIMETERS
PROGRAMS
SOLAR FLARES
SPACE PROGRAMS
SUN
ULTRAVIOLET SPECTROMETERS
ULYSSES MISSION

SOLAR MAXIMUM MISSION-A
3107 3001
UF SMM-A
GS SPACE MISSIONS
.SOLAR MAXIMUM MISSION
.#SOLAR MAXIMUM MISSION-A
RT % MISSIONS
SPACE EXPLORATION
% SPACECRAFT
SUN

SOLAR MESOSPHERE EXPLORER
1901 3001
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
..EXPLORER SATELLITES
..#SOLAR MESOSPHERE EXPLORER
RT ATMOSPHERIC COMPOSITION
MESOSPHERE
OZONE
SUN

SOLAR NEBULA
USE SOLAR CORONA

SOLAR NEIGHBORHOOD
3001 3002
RT ASTRONOMY
CELESTIAL BODIES
LOCAL GROUP (ASTRONOMY)
MILKY WAY GALAXY
NEMESIS (STAR)
SOLAR SYSTEM
STAR CLUSTERS
STARS
SUN

SOLAR NEUTRINOS
3001
GS EXTRATERRESTRIAL RADIATION
.SOLAR RADIATION
..SOLAR CORPUSCULAR RADIATION
..#SOLAR NEUTRINOS
PARTICLES
.ELEMENTARY PARTICLES
..FERMIONS
...LEPTONS
....NEUTRINOS
....#SOLAR NEUTRINOS
RT ASTRONOMICAL MODELS
ASTROPHYSICS
NUCLEAR REACTIONS
STELLAR MODELS
SUN

SOLAR NEUTRONS
2901 2902
GS EXTRATERRESTRIAL RADIATION
.SOLAR RADIATION
..SOLAR CORPUSCULAR RADIATION
..#SOLAR NEUTRONS
PARTICLES
.CORPUSCULAR RADIATION
..SOLAR CORPUSCULAR RADIATION
..#SOLAR NEUTRONS
.ELEMENTARY PARTICLES
..FERMIONS
...NEUTRONS
...#SOLAR NEUTRONS
.NEUTRAL PARTICLES
..NEUTRONS
..#SOLAR NEUTRONS
RT NEUTRON FLUX DENSITY
SOLAR FLARES

SOLAR NOISE
USE SOLAR RADIO EMISSION

SOLAR OBLATENESS
1308 1901 3001
RT OBLATE SPHEROIDS
SUN

```
SOLAR OBSERVATORIES
  3001 3009 3107
  GS   OBSERVATORIES
       #SOLAR OBSERVATORIES
       ..OSO
       ...AOSO
       ...OSO-C
       ...OSO-1
       ...OSO-2
       ...OSO-3
       ...OSO-4
       ...OSO-5
       ...OSO-6
       ...OSO-7
       ...OSO-8
       ..PINHOLE OCCULTER FACILITY
  RT   CORONAGRAPHS
       SOHO MISSION
       SUN

SOLAR OPTICAL TELESCOPE
  1412 3001
  UF   SOT
  GS   TELESCOPES
       .SPACEBORNE TELESCOPES
       .#SOLAR OPTICAL TELESCOPE
  RT   SOLAR INSTRUMENTS
       SOLAR PHYSICS

SOLAR ORBITS
  1901 3001 3002
  SN   (RESTRICTED TO ORBITS AROUND THE
       SUN)
  UF   HELIOCENTRIC ORBITS
       PLANETARY MOTION
  GS   ORBITS
       #SOLAR ORBITS
  RT   APHELIONS
       CIRCULAR ORBITS
     % EARTH MOTION
       ECLIPTIC
       ELLIPTICAL ORBITS
       HEOS SATELLITES
       INTERPLANETARY TRAJECTORIES
     % MOTION
       ORBITAL RESONANCES (CELESTIAL
       MECHANICS)
       PERIHELIONS
       PROTOPLANETS
       SPACECRAFT ORBITS
       SUN
       TRANSFER ORBITS

SOLAR OSCILLATIONS
  3001
  GS   OSCILLATIONS
       .STELLAR OSCILLATIONS
       .#SOLAR OSCILLATIONS
       STELLAR MOTIONS
       .STELLAR OSCILLATIONS
       .#SOLAR OSCILLATIONS
  RT   ASTRONOMICAL MODELS
       ATMOSPHERIC MODELS
       CATACLYSMIC VARIABLES
       SOLAR ACTIVITY EFFECTS
       SOLAR ATMOSPHERE
       STELLAR MODELS
       SUN
       VARIABLE STARS

SOLAR PARALLAX
  1901 3001 3002
  GS   PARALLAX
       #SOLAR PARALLAX
  RT   ASTRONOMY
       STELLAR PARALLAX
       SUN

SOLAR PHYSICS
  2311 3001 3002
  GS   ASTROPHYSICS
       .STELLAR PHYSICS
       .#SOLAR PHYSICS
  RT   FILTERGRAMS
       HELIOSEISMOLOGY
       INTERNATIONAL QUIET SUN YEAR
       PHOTOSPHERE
     % PHYSICS
       PLASMAS (PHYSICS)
     % SCIENCE
       SOLAR CONVECTION (ASTRONOMY)
       SOLAR INTERIOR
       SOLAR OPTICAL TELESCOPE
       SPARTAN SATELLITES
       SUN

SOLAR PLANETARY INTERACTIONS
  3001
  GS  #SOLAR PLANETARY INTERACTIONS
       .SOLAR TERRESTRIAL INTERACTIONS
  RT   EARTH MAGNETOSPHERE
       MAGNETIC DISTURBANCES
       MAGNETOSHEATH
       PLANETARY ATMOSPHERES
       PLANETARY MAGNETIC FIELDS
       PLANETARY MAGNETOSPHERES
       PLANETARY MAGNETOTAILS
       PLASMA INTERACTIONS
       SOLAR ACTIVITY
       SOLAR ACTIVITY EFFECTS
       SOLAR CORPUSCULAR RADIATION
       SOLAR WIND
       SOLAR WIND VELOCITY

SOLAR PLASMA (RADIATION)
  USE  SOLAR WIND

SOLAR PONDS (HEAT STORAGE)
  2201
  RT   ELECTRIC GENERATORS
       ENERGY CONVERSION
       PONDS
       RESERVOIRS
       SUN

SOLAR POSITION
  1901 3001 3002
  UF   SOLAR AZIMUTH
  GS   POSITION (LOCATION)
       #SOLAR POSITION
  RT   ASTROLABES
       CELESTIAL NAVIGATION
       EQUINOXES
       SEASONS
       SOLSTICES
       SUN
       ZENITH

SOLAR POWER GENERATION
  USE  SOLAR GENERATORS

SOLAR POWER SATELLITES
  3107
  GS   ARTIFICIAL SATELLITES
       #SOLAR POWER SATELLITES
  RT   LARGE SPACE STRUCTURES
       POWER BEAMING
       SATELLITE POWER TRANSMISSION
       SUN

SOLAR POWER SOURCES
  USE  SOLAR GENERATORS

SOLAR POWERED AIRCRAFT
  0201
  RT % AIRCRAFT
       SOLAR CELLS
       SOLAR ELECTRIC PROPULSION
       SOLAR PROPULSION
       SUN

SOLAR PROBES
  3001 3009 3108 3409
  GS   UNMANNED SPACECRAFT
       .SPACE PROBES
```

```
      .#SOLAR PROBES
      ...HELIOS A
      ...HELIOS B
      ...HELIOS 1
      ...HELIOS 2
      ...STARPROBE SPACECRAFT
      ...SUNBLAZER SPACE PROBE
  RT  HELIOS PROJECT
      PIONEER SPACE PROBES
      SUN
      ULYSSES MISSION

SOLAR PROMINENCES
  2901 2902 2903 3001
  UF  FILAMENTS (SOLAR PHYSICS)
  GS  PROMINENCES
      #SOLAR PROMINENCES
      STELLAR ACTIVITY
      .SOLAR ACTIVITY
      .#SOLAR PROMINENCES
  RT  CHROMOSPHERE
      SUN

SOLAR PROPULSION
  2802 2808 3303 3501
  GS  PROPULSION
      .LOW THRUST PROPULSION
      .#SOLAR PROPULSION
      ...SOLAR ELECTRIC PROPULSION
      ...SOLAR THERMAL PROPULSION
      .SPACECRAFT PROPULSION
      .#SOLAR PROPULSION
      ...SOLAR ELECTRIC PROPULSION
      ...SOLAR THERMAL PROPULSION
  RT  SOLAR POWERED AIRCRAFT
      SUN

SOLAR PROTONS
  2403 2902
  GS  EXTRATERRESTRIAL RADIATION
      .SOLAR RADIATION
      ..SOLAR CORPUSCULAR RADIATION
      ..#SOLAR PROTONS
      PARTICLES
      .CHARGED PARTICLES
      ..PROTONS
      ..#SOLAR PROTONS
      .CORPUSCULAR RADIATION
      ..SOLAR CORPUSCULAR RADIATION
      ..#SOLAR PROTONS
      .ELEMENTARY PARTICLES
      ..FERMIONS
      ...PROTONS
      ...#SOLAR PROTONS
  RT  BARYONS
      SUN

SOLAR RADAR ECHOES
  0705 0710 3001
  GS  ECHOES
      .RADAR ECHOES
      .#SOLAR RADAR ECHOES
  RT  SUN

SOLAR RADIATION
  2402 2902
  GS  EXTRATERRESTRIAL RADIATION
      #SOLAR RADIATION
      ..CIRCUMSOLAR RADIATION
      ..SOLAR CORPUSCULAR RADIATION
      ...SOLAR ELECTRONS
      ...SOLAR NEUTRINOS
      ...SOLAR NEUTRONS
      ...SOLAR PROTONS
      ..SOLAR COSMIC RAYS
      ..SOLAR RADIO EMISSION
      ...SOLAR RADIO BURSTS
      ....TYPE 2 BURSTS
      ....TYPE 3 BURSTS
      ....TYPE 4 BURSTS
      ....TYPE 5 BURSTS
      ..SOLAR WIND
      ..SOLAR X-RAYS
      ..SUNLIGHT
  RT  AEROSPACE ENVIRONMENTS
      ALBEDO
      ATMOSPHERIC REFRACTION
      CIRCUMSOLAR TELESCOPES
      CLIMATOLOGY
      CLOUD COVER
      CORPUSCULAR RADIATION
      COSMIC NOISE
      COSMIC RAYS
      DAYGLOW
      ELECTROMAGNETIC RADIATION
      EXTREME ULTRAVIOLET RADIATION
      GEGENSCHEIN
      INFRARED RADIATION
      INSOLATION
      IONIZING RADIATION
      IRIS SATELLITES
      LIGHT (VISIBLE RADIATION)
      LONG WAVE RADIATION
      LONGITUDINAL WAVES
    % RADIATION
      RADIATION BELTS
      RADIATION PRESSURE
      RADIATIVE TRANSFER
      RADIO WAVES
      RECTENNAS
      SKY BRIGHTNESS
      SOLAR-PUMPED LASERS
      STELLAR RADIATION
      SUN
      THERMAL RADIATION
      ULTRAVIOLET RADIATION
      ZODIACAL LIGHT

SOLAR RADIATION SHIELDING
  0504 0507 0508 3305
  GS  PROTECTION
      .RADIATION PROTECTION
      ..RADIATION SHIELDING
      ..#SOLAR RADIATION SHIELDING
      SHIELDING
      .RADIATION SHIELDING
      .#SOLAR RADIATION SHIELDING
  RT % RADIATION
      SATELLITE TEMPERATURE
      SPACECRAFT SHIELDING
      SUN

SOLAR RADIATION 1 SATELLITE
  2902 3107
  GS  ARTIFICIAL SATELLITES
      #SOLAR RADIATION 1 SATELLITE
  RT  GALACTIC RADIATION
    % RADIATION
      SUN

SOLAR RADIATION 3 SATELLITE
  2902 3107
  GS  ARTIFICIAL SATELLITES
      #SOLAR RADIATION 3 SATELLITE
  RT  GALACTIC RADIATION
    % RADIATION
      SUN

SOLAR RADIO BURSTS
  0705 2402 2902
  GS  BURSTS
      .RADIO BURSTS
      .#SOLAR RADIO BURSTS
      ...TYPE 2 BURSTS
      ...TYPE 3 BURSTS
      ...TYPE 4 BURSTS
      ...TYPE 5 BURSTS
      ELECTROMAGNETIC RADIATION
      .RADIO WAVES
      ..EXTRATERRESTRIAL RADIO WAVES
      ...RADIO BURSTS
      ...#SOLAR RADIO BURSTS
      .....TYPE 2 BURSTS
      .....TYPE 3 BURSTS
      .....TYPE 4 BURSTS
```

.....TYPE 5 BURSTS
...SOLAR RADIO EMISSION
...#SOLAR RADIO BURSTS
.....TYPE 2 BURSTS
.....TYPE 3 BURSTS
.....TYPE 4 BURSTS
.....TYPE 5 BURSTS
..RADIO EMISSION
...RADIO BURSTS
...#SOLAR RADIO BURSTS
.....TYPE 2 BURSTS
.....TYPE 3 BURSTS
.....TYPE 4 BURSTS
.....TYPE 5 BURSTS
...SOLAR RADIO EMISSION
...#SOLAR RADIO BURSTS
.....TYPE 2 BURSTS
.....TYPE 3 BURSTS
.....TYPE 4 BURSTS
.....TYPE 5 BURSTS
EMISSION
.RADIO EMISSION
..RADIO BURSTS
..#SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
..SOLAR RADIO EMISSION
..#SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
.EXTRATERRESTRIAL RADIO WAVES
..RADIO BURSTS
..#SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
..SOLAR RADIO EMISSION
..#SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
.SOLAR RADIATION
..SOLAR RADIO EMISSION
..#SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
RT SUN

SOLAR RADIO EMISSION
0705 2902
UF SOLAR NOISE
SOLAR RADIO WAVES
GS ELECTROMAGNETIC RADIATION
.RADIO WAVES
..EXTRATERRESTRIAL RADIO WAVES
..#SOLAR RADIO EMISSION
....SOLAR RADIO BURSTS
.....TYPE 2 BURSTS
.....TYPE 3 BURSTS
.....TYPE 4 BURSTS
.....TYPE 5 BURSTS
..RADIO EMISSION
..#SOLAR RADIO EMISSION
....SOLAR RADIO BURSTS
.....TYPE 2 BURSTS
.....TYPE 3 BURSTS
.....TYPE 4 BURSTS
.....TYPE 5 BURSTS
EMISSION
.RADIO EMISSION
.#SOLAR RADIO EMISSION
...SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
EXTRATERRESTRIAL RADIATION
.EXTRATERRESTRIAL RADIO WAVES
.#SOLAR RADIO EMISSION
...SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
.SOLAR RADIATION
.#SOLAR RADIO EMISSION
...SOLAR RADIO BURSTS
....TYPE 2 BURSTS
....TYPE 3 BURSTS
....TYPE 4 BURSTS
....TYPE 5 BURSTS
RT CORONAL HOLES
COSMIC NOISE
DECIMETER WAVES
ELECTROMAGNETIC NOISE
MILLIMETER WAVES
RADIO BURSTS

SOLAR RADIO WAVES
USE SOLAR RADIO EMISSION

SOLAR RECEIVERS
USE SOLAR COLLECTORS

SOLAR REFLECTORS
1802 3107 3305
GS REFLECTORS
#SOLAR REFLECTORS
..SOLAR COLLECTORS
..SOLETTAS
RT FOCUSING
HEAT SHIELDING
HELIOSTATS
MIRRORS
PARABOLIC REFLECTORS
PARABOLOID MIRRORS
PHOTOTHERMAL CONVERSION
RADIANT FLUX DENSITY
SOLAR ATRIUMS
SPACECRAFT RADIATORS
SUN

SOLAR ROTATION
1901 3001 3002
UF CARRINGTON ROTATION
GS GYRATION
.ROTATION
..STELLAR ROTATION
..#SOLAR ROTATION
STELLAR MOTIONS
.STELLAR ROTATION
.#SOLAR ROTATION
RT SUN
TWENTY-SEVEN DAY VARIATION

SOLAR SAILS
1904 3006 3107
GS SAILS
#SOLAR SAILS
RT PROPULSION
SPACE FLIGHT
SPACECRAFT PROPULSION
SUN

SOLAR SEA POWER PLANTS
0302 0303 0905
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..THERMOELECTRIC GENERATORS
..#SOLAR SEA POWER PLANTS
RT ELECTRIC POWER PLANTS
ENERGY CONVERSION
% GENERATORS
OCEAN TEMPERATURE
OCEAN THERMAL ENERGY CONVERSION
% POWER PLANTS

SOLAR GENERATORS
SUN

SOLAR SEISMOLOGY
USE HELIOSEISMOLOGY

SOLAR SELECTIVE COATINGS
USE SELECTIVE SURFACES

SOLAR SENSORS
1409 1412 2102 2104 3001
UF SUN SENSORS
RT ATTITUDE CONTROL
GUIDANCE SENSORS
IRIS SATELLITES
NAVIGATION AIDS
NAVIGATION INSTRUMENTS
STAR TRACKERS
SUN
TRACKING (POSITION)

SOLAR SIMULATION
1107 1108 3009
GS SIMULATION
#SOLAR SIMULATION
RT SPACE ENVIRONMENT SIMULATION
SUN
THERMAL SIMULATION

SOLAR SIMULATORS
1107 1108 3009
GS SIMULATORS
.ENVIRONMENT SIMULATORS
.#SOLAR SIMULATORS
RT SPACE SIMULATORS
SUN
TEST FACILITIES

SOLAR SPECTRA
1411 2902
GS SPECTRA
.RADIATION SPECTRA
..ELECTROMAGNETIC SPECTRA
...STELLAR SPECTRA
...#SOLAR SPECTRA
RT ABSORPTION SPECTRA
ASTRONOMICAL SPECTROSCOPY
CONTINUOUS SPECTRA
CORONAS
D LINES
EMISSION SPECTRA
FILTERGRAMS
FRAUNHOFER LINES
H ALPHA LINE
H BETA LINE
H GAMMA LINE
H LINES
INFRARED SPECTRA
LINE SPECTRA
LYMAN SPECTRA
MOLECULAR SPECTRA
OXYGEN SPECTRA
SUN
ULTRAVIOLET SPECTRA
VISIBLE SPECTRUM
X RAY SPECTRA

SOLAR SPECTROMETERS
1411 2902
GS MEASURING INSTRUMENTS
.RADIATION MEASURING INSTRUMENTS
..ACTINOMETERS
..#SOLAR SPECTROMETERS
.SPECTROMETERS
.#SOLAR SPECTROMETERS
RT ABSORPTION SPECTRA
EMISSION SPECTRA
FILTER WHEEL INFRARED SPECTROMETERS
INFRARED SPECTROMETERS
SPECTROHELIOGRAPHS
SUN
ULTRAVIOLET SPECTROMETERS

SOLAR STORMS
2902 3001
GS STELLAR ACTIVITY
.SOLAR ACTIVITY
.#SOLAR STORMS
STORMS
#SOLAR STORMS
RT FORBUSH DECREASES
IONOSPHERIC STORMS
MAGNETIC STORMS
NOISE STORMS
SUN

SOLAR STREAMS
USE SOLAR CORPUSCULAR RADIATION

SOLAR SYSTEM
3001 3002 3003 3008
GS CELESTIAL BODIES
#SOLAR SYSTEM
PLANETARY SYSTEMS
#SOLAR SYSTEM
RT AMALTHEA
AMOR ASTEROID
APOLLO ASTEROIDS
AREND-ROLAND COMET
ASTEROID BELTS
ASTEROID CAPTURE
ASTEROIDS
BRORSEN-METCALF COMET
CELESTIAL MECHANICS
CHARON
CHIRON
COMET HEADS
COMET NUCLEI
COMET TAILS
COMETS
EARTH-MOON SYSTEM
GAS GIANT PLANETS
GIACOBINI-ZINNER COMET
GRIGG-SKJELLERUP COMET
HALLEY'S COMET
HUMASON COMET
IRAS-ARAKI-ALCOCK COMET
JUPITER SATELLITES
KOHOUTEK COMET
MERCURY SURFACE
METEOROIDS
MOREHOUSE COMET
MRKOS COMET
NATURAL SATELLITES
OORT CLOUD
PLANETARY GEOLOGY
PLANETS
PROTOPLANETS
RHEA (ASTRONOMY)
SATURN RINGS
SCHWASSMANN-WACHMANN COMET
SOLAR NEIGHBORHOOD
SOLAR SYSTEM EVOLUTION
SUN
% SYSTEMS
TEMPEL 2 COMET
TERRESTRIAL PLANETS
TORO ASTEROID
VENUS SURFACE
VESTA ASTEROID
VOYAGER 1977 MISSION
WEST COMET

SOLAR SYSTEM EVOLUTION
3002 3003
GS EVOLUTION (DEVELOPMENT)
#SOLAR SYSTEM EVOLUTION
RT LUNAR EVOLUTION
PLANETARY EVOLUTION
PLANETARY SYSTEMS
PLANETS
SOLAR SYSTEM
STELLAR EVOLUTION
SUN

```
SOLAR TEMPERATURE
  2902
  GS   TEMPERATURE
       #SOLAR TEMPERATURE
  RT   SOLAR TRANSITION REGION
       SUN

SOLAR TERRESTRIAL INTERACTIONS
  3001
  GS   SOLAR PLANETARY INTERACTIONS
       #SOLAR TERRESTRIAL INTERACTIONS
  RT   CLUSTER MISSION
       CORPUSCULAR RADIATION
       EARTH MAGNETOSPHERE
     % FLARES
     % INTERACTIONS
       INTERNATIONAL GEOSPHERE-BIOSPHERE
       PROGRAM
       MAGNETIC DISTURBANCES
       MAGNETIC STORMS
       MAGNETOSHEATH
       STORMS
       SUN
       SUNSPOTS
       WEATHER

SOLAR THERMAL ELECTRIC POWER PLANTS
  2306
  GS   ELECTRIC POWER PLANTS
       #SOLAR THERMAL ELECTRIC POWER
        PLANTS
  RT   PHOTOTHERMAL CONVERSION
     % POWER PLANTS
       SOLAR DYNAMIC POWER SYSTEMS
       SOLAR ENERGY
       THERMAL ENERGY

SOLAR THERMAL PROPULSION
  2802
  GS   PROPULSION
       .LOW THRUST PROPULSION
       ..SOLAR PROPULSION
       ..#SOLAR THERMAL PROPULSION
       .SPACECRAFT PROPULSION
       ..SOLAR PROPULSION
       ..#SOLAR THERMAL PROPULSION
  RT   PROPULSION SYSTEM PERFORMANCE
       SOLAR ELECTRIC PROPULSION
       SUN

SOLAR TOTAL ENERGY SYSTEMS
  2306
  GS   ENERGY CONVERSION
       .SOLAR ENERGY CONVERSION
       .#SOLAR TOTAL ENERGY SYSTEMS
       TOTAL ENERGY SYSTEMS
       #SOLAR TOTAL ENERGY SYSTEMS
  RT % CONVERSION
       DIRECT POWER GENERATORS
     % ENERGY
       SUN
     % SYSTEMS

SOLAR TRANSITION REGION
  2902
  GS   ENVIRONMENTS
       .EXTRATERRESTRIAL ENVIRONMENTS
       ..STELLAR ATMOSPHERES
       ...SOLAR ATMOSPHERE
       ...#SOLAR TRANSITION REGION
  RT   CHROMOSPHERE
       SOLAR CORONA
       SOLAR TEMPERATURE

SOLAR VELOCITY
  3001 3002
  GS   RATES (PER TIME)
       #SOLAR VELOCITY
       VELOCITY
       #SOLAR VELOCITY
  RT   SUN

SOLAR WIND
  2502 2902 3001 3002
  UF   SOLAR PLASMA (RADIATION)
  GS   EXTRATERRESTRIAL RADIATION
       .SOLAR RADIATION
       .#SOLAR WIND
       PARTICLES
       .CHARGED PARTICLES
       ..ENERGETIC PARTICLES
       ...PLASMAS (PHYSICS)
       ....SPACE PLASMAS
       ....#SOLAR WIND
  RT   AMPTE (SATELLITES)
       CHAPMAN-FERRARO PROBLEM
       CLUSTER MISSION
       COMET TAILS
       CORONAL HOLES
       COSMIC PLASMA
       GALACTIC COSMIC RAYS
       GRIGG-SKJELLERUP COMET
       HELIOSPHERE
       HYDROGEN PLASMA
       INTERPLANETARY GAS
       INTERPLANETARY MEDIUM
       M REGION
       MAGNETIC CLOUDS
       MAGNETOPAUSE
       MAGNETOSHEATH
       PLANETARY MAGNETOTAILS
       PLASMAPAUSE
     % RADIATION
       RADIATION PRESSURE
       SOHO MISSION
       SOLAR PLANETARY INTERACTIONS
       STELLAR WINDS
       SUN

SOLAR WIND VELOCITY
  2502 2902 3001 3002
  GS   RATES (PER TIME)
       .FLOW VELOCITY
       .#SOLAR WIND VELOCITY
       .WIND VELOCITY
       .#SOLAR WIND VELOCITY
       VELOCITY
       .FLOW VELOCITY
       .#SOLAR WIND VELOCITY
       .WIND VELOCITY
       .#SOLAR WIND VELOCITY
  RT   ALPHA PARTICLES
       EARTH MAGNETOSPHERE
       MAGNETIC DISTURBANCES
       MAGNETOHYDRODYNAMIC FLOW
       SOLAR PLANETARY INTERACTIONS
       STELLAR WINDS
       SUN
       VELOCITY MEASUREMENT

SOLAR X-RAYS
  2309 2402 2902
  GS   ELECTROMAGNETIC RADIATION
       .X RAYS
       .#SOLAR X-RAYS
       EXTRATERRESTRIAL RADIATION
       .SOLAR RADIATION
       .#SOLAR X-RAYS
       IONIZING RADIATION
       .X RAYS
       .#SOLAR X-RAYS
  RT   CORONAL HOLES
       SUN

SOLAR-PUMPED LASERS
  1601
  UF   SOLAR LASERS
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       .#SOLAR-PUMPED LASERS
  RT   LASER PUMPING
       OPTICAL PUMPING
       SOLAR ENERGY CONVERSION
       SOLAR RADIATION
```

```
SOLDERED JOINTS
  1507 3202
  GS   JOINTS (JUNCTIONS)
       .METAL JOINTS
       .#SOLDERED JOINTS
  RT   BEAM LEADS
       BONDED JOINTS
       BUTT JOINTS
       LAP JOINTS
       SOLDERING

SOLDERING
  0902 1507 1704 3303
  GS  #SOLDERING
       .ULTRASONIC SOLDERING
  RT   BONDING
       BRAZING
       FLUXES
       HEAT AFFECTED ZONE
     % JOINING
       LASER WELDING
       LOW TEMPERATURE BRAZING
       METAL BONDING
       METAL-METAL BONDING
       SEALING
       SOLDERED JOINTS
       SOLDERS
       WELDING

SOLDERS
  1507 1704 1701
  GS   ALLOYS
       #SOLDERS
  RT   LEAD ALLOYS
       SEALERS
       SOLDERING
       TIN ALLOYS
       ZINC ALLOYS

SOLENOID VALVES
  0904 1202 2304
  GS   VALVES
       #SOLENOID VALVES
  RT   AUTOMATIC CONTROL VALVES
       ELECTRIC CONTROL
     % ELECTRIC EQUIPMENT
       ELECTRIC RELAYS
       ELECTRIC SWITCHES
       HYDRAULIC CONTROL
       OFF-ON CONTROL
       SOLENOIDS

SOLENOIDS
  0905 2307 2604
  SN   (EXCLUDES METEOROLOGICAL SOLENOIDS)
  RT   ACTUATORS
       ELECTRIC RELAYS
       ELECTROMAGNETS
       MAGNET COILS
       SOLENOID VALVES
       TOROIDAL PLASMAS

SOLETTAS
  3109
  GS   MIRRORS
       #SOLETTAS
       REFLECTORS
       .SOLAR REFLECTORS
       .#SOLETTAS
  RT % PLATFORMS
       SOLAR ENERGY
     % SPACECRAFT

SOLID ARGON
  USE  SOLIDIFIED GASES

SOLID CRYOGEN COOLING
  1202
  GS   COOLING
       #SOLID CRYOGEN COOLING
  RT   CRYOGENIC FLUIDS
       CRYOGENICS
       LIQUEFIED GASES

SOLID CRYOGENS
  1202
  GS   GASES
       .SOLIDIFIED GASES
       .#SOLID CRYOGENS
       ...SOLID NITROGEN
       SOLIDS
       .SOLIDIFIED GASES
       .#SOLID CRYOGENS
       ...SOLID NITROGEN
  RT   COOLING SYSTEMS
       CRYOGENIC EQUIPMENT
       CRYOGENICS
       LIQUID NITROGEN

SOLID ELECTRODES
  0704
  GS   ELECTRODES
       #SOLID ELECTRODES
  RT   TRANSCONDUCTANCE

SOLID ELECTROLYTES
  1703
  GS   CONDUCTORS
       .ELECTROLYTES
       .#SOLID ELECTROLYTES

SOLID LUBRICANTS
  1503
  SN   (EXCLUDES SEMISOLIDS SUCH AS
       GREASES)
  GS   LUBRICANTS
       #SOLID LUBRICANTS
  RT   BINDERS (MATERIALS)
       GAS LUBRICANTS
       GRAPHITE
       SELF LUBRICATING MATERIALS

SOLID MECHANICS
  2308
  RT   CONTINUUM MECHANICS
       FINITE ELEMENT METHOD
       MECHANICAL PROPERTIES
     % MECHANICS (PHYSICS)
     % SCIENCE
       SOLIDS
       STRUCTURAL ANALYSIS

SOLID NITROGEN
  0603 1807 2603 2809
  GS   CHEMICAL ELEMENTS
       .NITROGEN
       .#SOLID NITROGEN
       GASES
       .NITROGEN
       .#SOLID NITROGEN
       .SOLIDIFIED GASES
       ..SOLID CRYOGENS
       ..#SOLID NITROGEN
       SOLIDS
       .SOLIDIFIED GASES
       ..SOLID CRYOGENS
       ..#SOLID NITROGEN
  RT   CRYOGENICS
       REFRIGERANTS

SOLID PHASES
  2603
  RT   EUTECTICS
       GAS-METAL INTERACTIONS
       GAS-SOLID INTERFACES
       LIQUID PHASES
       LIQUID-SOLID INTERFACES
       LIQUIDUS
       METALLIC HYDROGEN
       PHASE DIAGRAMS
       PHASE SEPARATION (MATERIALS)
     % PHASES
       SOLIDIFIED GASES
       SOLIDUS
       SYNTECTIC ALLOYS
```

SOLID PROPELLANT COMBUSTION
2702
GS COMBUSTION
.PROPELLANT COMBUSTION
.#SOLID PROPELLANT COMBUSTION
...SOLID PROPELLANT IGNITION
RT BURNING RATE
COMBUSTION STABILITY
EROSIVE BURNING
FUEL COMBUSTION
HEAT GENERATION
METAL COMBUSTION
PROPELLANT CHEMISTRY

SOLID PROPELLANT IGNITION
2702 2809 3102 3301
GS COMBUSTION
.PROPELLANT COMBUSTION
..SOLID PROPELLANT COMBUSTION
..#SOLID PROPELLANT IGNITION
IGNITION
#SOLID PROPELLANT IGNITION
RT HYBRID PROPELLANTS
HYPERGOLIC ROCKET PROPELLANTS
IGNITERS
IGNITION TEMPERATURE
INHIBITORS
METAL COMBUSTION
PYROPHORIC MATERIALS
SQUIBS

SOLID PROPELLANT ROCKET ENGINES
2702 2808 2809
GS ENGINES
.ROCKET ENGINES
.#SOLID PROPELLANT ROCKET ENGINES
...ALGOL ENGINE
...APOGEE BOOST MOTORS
...ASROC ENGINE
...HERCULES ENGINE
...M-46 ENGINE
...M-55 ENGINE
...M-56 ENGINE
...M-57 ENGINE
...NIKE BOOSTER ROCKET ENGINES
...P-1 ENGINE
...SL-3 ROCKET ENGINE
...SPACE SHUTTLE BOOSTERS
....ADVANCED SOLID ROCKET MOTOR (STS)
...SYNCOM APOGEE ENGINES
...TU-121 ENGINE
...TX-77 ENGINE
...TX-354 ENGINE
...X-248 ENGINE
...X-254 ENGINE
...X-258 ENGINES
....X-258-B1 ENGINE
...X-259 ENGINE
...XM-33 ENGINE
RT AIR SLEW MISSILES
ANTARES ROCKET VEHICLE
ARCAS ROCKET VEHICLES
ARGO ROCKET VEHICLES
ASTROBEE ROCKET VEHICLES
ASTROBEE 1500 ROCKET VEHICLE
ATHENA ROCKET VEHICLE
BE-3 ENGINE
BERENICE ROCKET VEHICLE
BLACK BRANT SOUNDING ROCKETS
BLACK BRANT 1 SOUNDING ROCKET
BLACK BRANT 2 SOUNDING ROCKET
BLACK BRANT 3 SOUNDING ROCKET
BLACK BRANT 4 SOUNDING ROCKET
BLACK BRANT 5 SOUNDING ROCKET
BLUE GOOSE MISSILE
BLUE SCOUT ROCKET VEHICLE
BOMARC A MISSILE
BOMARC B MISSILE
BONDED JOINTS
BOOSTER ROCKET ENGINES
BURNING RATE
BURNOUT
CAJUN ROCKET VEHICLE
DIAMANT LAUNCH VEHICLE
DUCTED ROCKET ENGINES
EXOS SOUNDING ROCKET
FALCON MISSILE
FOLDING FIN AIRCRAFT ROCKET VEHICLE
GENIE ROCKET VEHICLE
HAWK MISSILE
HONEST JOHN ROCKET VEHICLE
HYBRID PROPELLANT ROCKET ENGINES
INTEGRAL ROCKET RAMJETS
INTERNAL COMBUSTION ENGINES
JAGUAR ROCKET VEHICLE
JATO ENGINES
JAVELIN ROCKET VEHICLE
JUNO LAUNCH VEHICLES
JUNO 1 LAUNCH VEHICLE
JUNO 2 LAUNCH VEHICLE
JUPITER C ROCKET VEHICLE
KAPPA ROCKET VEHICLES
KAPPA 8 ROCKET VEHICLE
KAPPA 9 ROCKET VEHICLE
LAMBDA ROCKET VEHICLES
LIQUID PROPELLANT ROCKET ENGINES
LITTLE JOE 2 LAUNCH VEHICLE
LITTLE JOHN ROCKET VEHICLE
LOKI ROCKET VEHICLE
MACE MISSILES
MATRA MISSILE
MAULER MISSILE
METEOR 1 ROCKET VEHICLE
MINUTEMAN ICBM
NIKE-AJAX MISSILE
NIKE-APACHE ROCKET VEHICLE
NIKE-CAJUN ROCKET VEHICLE
NIKE-HERCULES MISSILE
NIKE-JAVELIN ROCKET VEHICLE
NIKE-TOMAHAWK ROCKET VEHICLE
NIKE-ZEUS MISSILE
PERSHING MISSILE
PHOENIX SOUNDING ROCKET
POLARIS MISSILES
RAM B LAUNCH VEHICLE
REDEYE MISSILE
REGULUS MISSILE
RESTARTABLE ROCKET ENGINES
RETROROCKET ENGINES
RUBIS ROCKET VEHICLE
SCOUT LAUNCH VEHICLE
SERGEANT MISSILES
SHRIKE MISSILE
SKUA ROCKET VEHICLES
SKYBOLT MISSILE
SKYLARK ROCKET VEHICLE
SPACE SHUTTLE UPPER STAGE D
SPARROW MISSILES
SPARROW 2 MISSILE
SPRINT MISSILE
SS-11 MISSILE
SUNBLAZER SPACE PROBE
SUSTAINER ROCKET ENGINES
TALOS MISSILE
TARTAR MISSILE
TERRIER MISSILE
THOR ABLE ROCKET VEHICLE
THOR DELTA LAUNCH VEHICLE
THOR LAUNCH VEHICLES
TITAN LAUNCH VEHICLES
TRAILBLAZER 1 REENTRY VEHICLE
TRAILBLAZER 2 REENTRY VEHICLE
ULLAGE ROCKET ENGINES
VANGUARD 2 LAUNCH VEHICLE
VERNIER ENGINES
WASP SOUNDING ROCKET
X-17 REENTRY VEHICLE
ZUNI ROCKET VEHICLE

SOLID PROPELLANTS
2702 2809
GS PROPELLANTS
#SOLID PROPELLANTS

..CASE BONDED PROPELLANTS
..COMPOSITE PROPELLANTS
..NITRAMINE PROPELLANTS
..PLASTIC PROPELLANTS
..SOLID ROCKET PROPELLANTS
...DOUBLE BASE ROCKET PROPELLANTS
...HMX
...HTPB PROPELLANTS
...METAL PROPELLANTS
RT AIRCRAFT FUELS
CHEMICAL FUELS
COLLOIDAL PROPELLANTS
GELLED PROPELLANTS
HIGH TEMPERATURE PROPELLANTS
HYBRID PROPELLANTS
INHIBITORS
METAL FUELS
NITROGUANIDINE
PLASTICIZERS
PROPELLANT BINDERS
PROPELLANT GRAINS
RDX
ROCKET PROPELLANTS
STORABLE PROPELLANTS

SOLID ROCKET BINDERS
1808 2702 2804 2809
GS ADDITIVES
.PROPELLANT ADDITIVES
..PROPELLANT BINDERS
..#SOLID ROCKET BINDERS
BINDERS (MATERIALS)
.PROPELLANT BINDERS
.#SOLID ROCKET BINDERS
RT GLYCIDYL AZIDE POLYMER
PLASTICIZERS

SOLID ROCKET BOOSTERS (SPACE SHUTTLE)
USE SPACE SHUTTLE BOOSTERS

SOLID ROCKET PROPELLANTS
2702 2809
GS PROPELLANTS
.ROCKET PROPELLANTS
.#SOLID ROCKET PROPELLANTS
...DOUBLE BASE ROCKET PROPELLANTS
...METAL PROPELLANTS
.SOLID PROPELLANTS
.#SOLID ROCKET PROPELLANTS
...DOUBLE BASE ROCKET PROPELLANTS
...HMX
...HTPB PROPELLANTS
...METAL PROPELLANTS
RT AMMONIUM PERCHLORATES
BURNING RATE
CASE BONDED PROPELLANTS
COMPOSITE PROPELLANTS
DOMINO PROPELLANTS
GELLED ROCKET PROPELLANTS
HYBRID PROPELLANTS
LIQUID ROCKET PROPELLANTS
MONOPROPELLANTS
POTASSIUM PERCHLORATES
PROPELLANT GRAINS
RDX
ROCKET ENGINES
SLURRY PROPELLANTS

SOLID ROTATION
USE ROTATING BODIES

SOLID SOLUTIONS
0603 2603
GS MIXTURES
.SOLUTIONS
.#SOLID SOLUTIONS
RT AGING (METALLURGY)
ALLOYING
ALLOYS
LIQUID PHASES
LIQUIDUS
MELTING POINTS
ORDER-DISORDER TRANSFORMATIONS
PHASE DIAGRAMS
PRECIPITATION HARDENING
SOLIDS
SUPERSATURATION
TERNARY SYSTEMS

SOLID STATE
0603 2603
RT CRYSTALLIZATION
ENERGY GAPS (SOLID STATE)
MELTING POINTS
METALLIC HYDROGEN
SOLIDS

SOLID STATE DEVICES
0906 1601 2603
GS ELECTRONIC EQUIPMENT
#SOLID STATE DEVICES
..CRYOTRONS
..CRYSTAL RECTIFIERS
..METAL-NITRIDE-OXIDE-SEMICONDUCTOR
..MULTISPECTRAL LINEAR ARRAYS
..SEMICONDUCTOR DEVICES
...AVALANCHE DIODES
....CRYOSAR
...BARRITT DIODES
...CHARGE TRANSFER DEVICES
....BUCKET BRIGADE DEVICES
....CHARGE COUPLED DEVICES
....CHARGE INJECTION DEVICES
...GERMANIUM DIODES
...HETEROJUNCTION DEVICES
....HIGH ELECTRON MOBILITY TRANSISTORS
.....MODFETS
...JUNCTION DIODES
....MIM DIODES
....STEP RECOVERY DIODES
...LIGHT EMITTING DIODES
...METAL OXIDE SEMICONDUCTORS
....CMOS
....ITO (SEMICONDUCTORS)
....SOS (SEMICONDUCTORS)
...MIM (SEMICONDUCTORS)
...MIS (SEMICONDUCTORS)
...MSM (SEMICONDUCTORS)
...NDM SEMICONDUCTOR DEVICES
...NEURISTORS
...PARAMETRIC DIODES
...PHOTODIODES
...PHOTOVOLTAIC CELLS
....SOLAR CELLS
.....VERTICAL JUNCTION SOLAR CELLS
...SCHOTTKY DIODES
...SEMICONDUCTOR LASERS
....ALUMINUM GALLIUM ARSENIDE LASERS
....GALLIUM ARSENIDE LASERS
....QUANTUM WELL LASERS
...SOI (SEMICONDUCTORS)
...THERMISTORS
...THYRISTORS
....SILICON CONTROLLED RECTIFIERS
...TRANSFERRED ELECTRON DEVICES
...TRANSISTOR AMPLIFIERS
...TRANSISTORS
....BIPOLAR TRANSISTORS
....FIELD EFFECT TRANSISTORS
.....CHARGE FLOW DEVICES
.....JFET
.....MODFETS
....HIGH ELECTRON MOBILITY TRANSISTORS
.....MODFETS
....JUNCTION TRANSISTORS
.....JFET
....PHOTOTRANSISTORS
....SILICON TRANSISTORS
.....SOS (SEMICONDUCTORS)
...TRAPATT DEVICES
...VARACTOR DIODES

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      ...VARISTORS
      ..SIS (SEMICONDUCTORS)
      ..SIS (SUPERCONDUCTORS)
      ..SOLID STATE LASERS
      ...ALUMINUM GALLIUM ARSENIDE LASERS
      ...DBR LASERS
      ...GALLIUM ARSENIDE LASERS
      ...QUANTUM WELL LASERS
      ...RUBY LASERS
      ...YAG LASERS
  RT  AMPLIFIERS
      BUBBLE TECHNIQUE
      CAPACITORS
      CIRCUITS
    % DEVICES
      ELECTRIC BRIDGES
      LASER CAVITIES
      LASERS
      MBM JUNCTIONS
      MINIATURE ELECTRONIC EQUIPMENT
      OSCILLATORS
      PHOTOMASKS
      RECTIFIERS
      RESISTORS
      SIGNAL GENERATORS
      SUPERCONDUCTORS
      THIN FILMS
      THRESHOLD VOLTAGE
      TRANSFORMERS
      WAFERS

SOLID STATE LASERS
  0906 1601 2603
  GS  ELECTRONIC EQUIPMENT
      .SOLID STATE DEVICES
      .#SOLID STATE LASERS
      ...ALUMINUM GALLIUM ARSENIDE LASERS
      ...DBR LASERS
      ...GALLIUM ARSENIDE LASERS
      ...QUANTUM WELL LASERS
      ...RUBY LASERS
      ...YAG LASERS
      STIMULATED EMISSION DEVICES
      .LASERS
      .#SOLID STATE LASERS
      ...ALUMINUM GALLIUM ARSENIDE LASERS
      ...DBR LASERS
      ...GALLIUM ARSENIDE LASERS
      ...RUBY LASERS
      ...YAG LASERS
      ...YLF LASERS
  RT  CONTINUOUS WAVE LASERS
      DISTRIBUTED FEEDBACK LASERS
      INFRARED LASERS
      LASER CAVITIES
      Q SWITCHED LASERS
      SEMICONDUCTOR LASERS
      SURFACE EMITTING LASERS
    % SOLID STATE PHYSICS
      2311 2603
      SN  (USE OF A MORE SPECIFIC TERM IS
          RECOMMENDED--CONSULT THE TERMS
          LISTED BELOW)
      RT  CONDENSED MATTER PHYSICS
          CRYSTALLOGRAPHY
          ELECTRICAL PROPERTIES
          ELECTRON MOBILITY
          ENERGY GAPS (SOLID STATE)
          FORBIDDEN TRANSITIONS
          HOLE MOBILITY
          MAGNETIC PROPERTIES
          OPTICAL PROPERTIES
        % PHYSICS
        % SCIENCE
          SEMICONDUCTORS (MATERIALS)
          SUPERCONDUCTIVITY
          THEORETICAL PHYSICS
          THIN FILMS
          TRANSPORT PROPERTIES

SOLID SURFACES
  0603 2601 2603 3203
  GS  #SOLID SURFACES
      .CRYSTAL SURFACES
  RT  LIQUID SURFACES
      METAL SURFACES
      SURFACE CRACKS
      SURFACE FINISHING
      SURFACE PROPERTIES
    % SURFACES

SOLID SUSPENSIONS
  0603 2603
  GS  MIXTURES
      #SOLID SUSPENSIONS
  RT  COLLOIDAL PROPELLANTS
      COMPOSITE MATERIALS
      METALLOGRAPHY
      PARTICULATES
      PHASE DIAGRAMS
    % SUSPENSIONS

SOLID WASTES
  0505 3404
  GS  WASTES
      .SEWAGE
      .#SOLID WASTES
  RT  COMPOSTING
      GARBAGE
      HUMAN WASTES
      INDUSTRIAL WASTES
      LANDFILLS
      LIQUID WASTES
      METABOLIC WASTES
      POLLUTION
      RADIOACTIVE WASTES
      RESIDUES
      SLUDGE
      WASTE DISPOSAL
      WASTE ENERGY UTILIZATION
      WASTE UTILIZATION

SOLID-SOLID INTERFACES
  0602 1203
  GS  INTERFACES
      #SOLID-SOLID INTERFACES
  RT  GAS-SOLID INTERFACES
      LIQUID-SOLID INTERFACES
      SURFACE PROPERTIES

SOLIDIFICATION
  0602 0603 3303
  UF  RAPID SOLIDIFICATION
  GS #SOLIDIFICATION
      .DIRECTIONAL SOLIDIFICATION
       (CRYSTALS)
      .MELT SPINNING
  RT  CASTING
      CASTINGS
      COAGULATION
      CRYSTALLIZATION
      FREEZING
      GELATION
      INGOTS
      MELTING POINTS
      MUSHY ZONES
      OCCLUSION
      PHASE TRANSFORMATIONS
      RHEOCASTING
    % SETTING
      SOLIDIFIED GASES
      TRANSITION TEMPERATURE
      VITRIFICATION

SOLIDIFIED GASES
  0603 1203 1807 2311
  UF  SOLID ARGON
  GS  GASES
      #SOLIDIFIED GASES
      ..SOLID CRYOGENS
      ...SOLID NITROGEN
      SOLIDS
      #SOLIDIFIED GASES
      ..SOLID CRYOGENS
```

```
      ...SOLID NITROGEN
  RT  CRYOGENIC FLUIDS
      CRYOGENIC TEMPERATURE
      CRYOGENICS
      FREEZING
      LOW TEMPERATURE PHYSICS
      MELTING POINTS
      METALLIC HYDROGEN
      SOLID PHASES
      SOLIDIFICATION

SOLIDS
  0603 2603
  GS  #SOLIDS
      .SOLIDIFIED GASES
      ..SOLID CRYOGENS
      ...SOLID NITROGEN
  RT % BODIES
     % FLUIDS
     % MATERIALS
      METALLIC HYDROGEN
      ORGANIC SOLIDS
      PHASE TRANSFORMATIONS
      SOLID MECHANICS
      SOLID SOLUTIONS
      SOLID STATE
      THERMOCHROMATIC MATERIALS
      VAPOR PHASES

SOLIDS FLOW
  1203 3501
  GS  FLUID FLOW
      #SOLIDS FLOW
  RT % FLOW
      FLOW MEASUREMENT
      FLOW THEORY
      MASS FLOW
      MULTIPHASE FLOW
      PARTICLE SIZE DISTRIBUTION
      STEADY FLOW
      TWO PHASE FLOW
      UNIFORM FLOW
      UNSTEADY FLOW

SOLIDUS
  1701 3304
  RT  BINARY SYSTEMS (MATERIALS)
      LIQUID PHASES
      LIQUIDUS
      SOLID PHASES

SOLIONS
  0604 0902 1406 2301
  RT  CIRCUITS
      DIODES
      INTEGRATORS
      ION CURRENTS

SOLITARY WAVES
  0710 2301 2304 2309 2311 2402
  UF  SOLITONS
  GS  TRAVELING WAVES
      #SOLITARY WAVES
  RT  BACKWARD WAVES
      CNOIDAL WAVES
      ELASTIC WAVES
      ELECTROMAGNETIC RADIATION
      PLANE WAVES
      PULSES
      RADIO WAVES
      RATES (PER TIME)
      VELOCITY

SOLITHANES
  1808 1809 1810
  RT  ELASTOMERS
     % POLYMERS
      SYNTHETIC RUBBERS

SOLITONS
  USE SOLITARY WAVES

SOLOMON COMPUTERS
  0801 0802
  GS  DATA PROCESSING EQUIPMENT
      .COMPUTERS
      ..DIGITAL COMPUTERS
      ..#SOLOMON COMPUTERS

SOLRAD 10 SATELLITE
  USE EXPLORER 44 SATELLITE

SOLSTICES
  1904 2001 3001 3002
  RT  EQUINOXES
      SEASONS
      SOLAR POSITION
      SUMMER
      WINTER

SOLUBILITY
  0601 0603
  UF  IMMISCIBILITY
      MISCIBILITY
  RT  CLARITY
      CONCENTRATION (COMPOSITION)
      DIFFUSIVITY
      DISSOLVED GASES
      DISSOLVING
      GAS-SOLID INTERFACES
      HENRY LAW
      HYGROSCOPICITY
      INCOMPATIBILITY
      LIQUID PHASES
      LIQUID-GAS MIXTURES
      LIQUID-LIQUID INTERFACES
      LIQUID-VAPOR INTERFACES
      MISCIBILITY GAP
      MIXTURES
      PHASE DIAGRAMS
      PHASE SEPARATION (MATERIALS)
      PRECIPITATION (CHEMISTRY)
      SOLUTIONS
      SUPERCRITICAL FLUIDS
      THERMODYNAMIC PROPERTIES
      THIXOTROPY
      TURBIDITY
      VISCOSITY

SOLUTES
  0603
  RT  DISSOLVING
      SOLUTIONS

% SOLUTION
  3407
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  DISSOLVING
      PROBLEM SOLVING
      SOLUTIONS

SOLUTIONS
  0602
  GS  MIXTURES
      #SOLUTIONS
      ..AQUEOUS SOLUTIONS
      ..GAS MIXTURES
      ...AIR
      ....ALVEOLAR AIR
      ....COMPRESSED AIR
      ....EXPIRED AIR
      ....HIGH TEMPERATURE AIR
      ....LIQUID AIR
      ...DETONABLE GAS MIXTURES
      ..PHOTOGRAPHIC EMULSIONS
      ...NUCLEAR EMULSIONS
      ..SOLID SOLUTIONS
  RT  AZEOTROPES
      COMPOSITION (PROPERTY)
      DISSOLVED GASES
      EMULSIONS
      EUTECTICS
      HENRY LAW
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        RAOULT LAW
        SOLUBILITY
        SOLUTES
      % SOLUTION
        SOLVENTS
        TITRATION

SOLVATION
  0603
  RT    AQUEOUS SOLUTIONS
        CHEMICAL REACTIONS
        REACTION KINETICS
        SOLVENTS

SOLVENT EXTRACTION
  0602 0603
  GS    EXTRACTION
        #SOLVENT EXTRACTION
  RT    ION EXTRACTION
        PURIFICATION
      % SEPARATION

SOLVENT REFINED COAL
  1305
  GS    RESOURCES
        .EARTH RESOURCES
        ..FOSSIL FUELS
        ...COAL
        ...#SOLVENT REFINED COAL
  RT    BENZENE
        BITUMENS
        CARBONACEOUS MATERIALS
        COAL LIQUEFACTION
        COAL UTILIZATION
        FRACTIONATION
        FUEL OILS
        GASOLINE
        HYDROCARBON FUEL PRODUCTION
        METHANE
        PRODUCT DEVELOPMENT

SOLVENT RETENTION
  3401
  RT    DISSOLVING
        SOLVENTS

SOLVENTS
  0603
  UF    THINNERS
  GS   #SOLVENTS
        .TETRAHYDROFURAN
        .TURPENTINE
  RT    ADDITIVES
        COATINGS
        DILUENTS
        DISSOLVING
        EXTRACTION
        FURANS
        SOLUTIONS
        SOLVATION
        SOLVENT RETENTION
        SOLVOLYSIS
        TOLUENE
        TRIACETIN

SOLVOLYSIS
  0602
  GS    RECLAMATION
        .MATERIALS RECOVERY
        .#SOLVOLYSIS
  RT    RECYCLING
        SOLVENTS

SOMALIA
  1305
  GS    NATIONS
        #SOMALIA
  RT    AFRICA

SOMMERFELD APPROXIMATION
  0705 0710 0901 3501
  GS    ANALYSIS (MATHEMATICS)
        .NUMERICAL ANALYSIS
        ..APPROXIMATION
        ..#SOMMERFELD APPROXIMATION
  RT    ANTENNA RADIATION PATTERNS
        DIRECTIONAL ANTENNAS
        ELECTROMAGNETIC FIELDS
        RADIO TRANSMISSION

SOMMERFELD WAVES
  0705 0710 0901
  GS    ELECTROMAGNETIC RADIATION
        #SOMMERFELD WAVES
        SURFACE WAVES
        #SOMMERFELD WAVES
  RT    DIELECTRIC PROPERTIES
        ELECTRIC CONDUCTORS

SONAR
  1310 2104 2301 3401
  GS   #SONAR
        .SONOBUOYS
  RT    DISTANCE MEASURING EQUIPMENT
        ECHO SOUNDING
        ECHO SUPPRESSORS
        HYDROPHONES
        LOFAR
        NAVIGATION AIDS
        SOUND LOCALIZATION
        SOUND RANGING
        ULTRASONIC WAVE TRANSDUCERS
        UNDERWATER ACOUSTICS
        UNDERWATER COMMUNICATION

SONDES
  0705 0710 2003
  UF    METEOROLOGICAL PROBES
  GS    MEASURING INSTRUMENTS
        #SONDES
        ..DROPSONDES
        ..JUDI-DART ROCKET
        ..RADIOSONDES
        ...ENDORADIOSONDES
        ...IONOSONDES
        ...RAWINSONDES
  RT    APACHE ROCKET VEHICLE
        CAJUN ROCKET VEHICLE
      % PROBES
        SOUNDING
        SOUNDING ROCKETS

SONIC ANEMOMETERS
  1203 1406 2104 3501
  GS    MEASURING INSTRUMENTS
        .ANEMOMETERS
        .#SONIC ANEMOMETERS
  RT    ACOUSTICS
        FLOWMETERS
        HOT-FILM ANEMOMETERS
        VELOCITY MEASUREMENT

SONIC BOOMS
  0204 1203 2301 3501
  GS    ELASTIC WAVES
        .SHOCK WAVES
        .#SONIC BOOMS
        .SOUND WAVES
        ..NOISE (SOUND)
        ...AIRCRAFT NOISE
        ...#SONIC BOOMS
  RT    ACOUSTIC VELOCITY
        AERODYNAMIC NOISE
      % BOOM
        CAUSTIC LINES
        JET AIRCRAFT NOISE
        SUPERSONIC FLIGHT
        TRANSONIC FLIGHT

SONIC FATIGUE
  USE   ACOUSTIC FATIGUE

SONIC FLOW
  USE   TRANSONIC FLOW
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SONIC NOZZLES
  2806 2808
  RT   ACOUSTIC NOZZLES
       CONICAL NOZZLES
     % NOZZLES
       SUPERSONIC NOZZLES
       TRANSONIC FLOW
       TRANSONIC NOZZLES

SONIC SOLDERING
  USE  ULTRASONIC SOLDERING

SONIC SPEED
  USE  ACOUSTIC VELOCITY

SONIC WAVEGUIDES
  USE  ACOUSTIC DELAY LINES

SONOBUOYS
  0702 0710 2301
  GS   RADIO EQUIPMENT
       .RADIO TRANSMITTERS
       .#SONOBUOYS
       SONAR
       #SONOBUOYS
       TRANSMITTERS
       .RADIO TRANSMITTERS
       .#SONOBUOYS
  RT   ANTISUBMARINE WARFARE
       HYDROPHONES
       UNDERWATER ACOUSTICS
       UNDERWATER COMMUNICATION

SONOGRAMS
  0710 2301
  RT   RECORDING INSTRUMENTS
       SOUND WAVES
       WHISTLER RECORDERS
       WHISTLERS

SONOHOLOGRAPHY
  USE  ACOUSTICAL HOLOGRAPHY

SONOLUMINESCENCE
  0704 2301
  GS   EMISSION
       .LIGHT EMISSION
       ..LUMINESCENCE
       ..#SONOLUMINESCENCE

SOOT
  0603 3301
  GS   PARTICLES
       .PARTICULATES
       .#SOOT
  RT   AIR POLLUTION
       CARBON
       COMBUSTION PRODUCTS
       FIRE DAMAGE
       SMOKE
       SMOKE ABATEMENT

SORBATES
  0603 1203
  RT   SORBENTS
       SORPTION

SORBENTS
  0603 1203
  GS  #SORBENTS
       .ABSORBENTS
       .ADSORBENTS
  RT   SORBATES
       SORPTION

SORET COEFFICIENT
  1203 3303 3304 3501
  GS   COEFFICIENTS
       .DIFFUSION COEFFICIENT
       .#SORET COEFFICIENT
       TRANSPORT PROPERTIES
       .DIFFUSION COEFFICIENT
       .#SORET COEFFICIENT
  RT   LIQUID FLOW
       THERMAL DIFFUSION

SORGHUM
  0409
  GS   FARM CROPS
       .GRAINS (FOOD)
       .#SORGHUM
       PLANTS (BOTANY)
       .GRASSES
       .#SORGHUM
  RT   AGRICULTURE
       CROP IDENTIFICATION
     % CROPS
       EARTH RESOURCES

SORPTION
  0602 0603 1203
  UF   CRYOSORPTION
  GS  #SORPTION
       .ADSORPTION
       ..CHEMISORPTION
  RT % ABSORPTION
       CHROMATOGRAPHY
       CONCENTRATING
       EXTRACTION
       GAS CHROMATOGRAPHY
       LIQUID CHROMATOGRAPHY
       MATERIAL ABSORPTION
       PERMEATING
     % SEPARATION
       SORBATES
       SORBENTS
       SURFACE PROPERTIES

SORTIE CAN
  USE  SORTIE SYSTEMS

SORTIE LAB
  USE  SORTIE SYSTEMS

SORTIE SYSTEMS
  3110
  UF   SORTIE CAN
       SORTIE LAB
  GS   PAYLOADS
       #SORTIE SYSTEMS
  RT   SPACE LABORATORIES
       SPACE SHUTTLE PAYLOADS
       SPACE SHUTTLES
       SPACE STATIONS
       SPACELAB PAYLOADS

SORTING
  USE  CLASSIFYING

SOS (SEMICONDUCTORS)
  2602
  UF   SILICON-ON-SAPPHIRE JUNCTIONS
       SILICON-ON-SAPPHIRE SEMICONDUCTORS
       SILICON-ON-SAPPHIRE TRANSISTORS
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SEMICONDUCTOR DEVICES
       ...METAL OXIDE SEMICONDUCTORS
       ...#SOS (SEMICONDUCTORS)
       ...TRANSISTORS
       ....SILICON TRANSISTORS
       ....#SOS (SEMICONDUCTORS)
       SEMICONDUCTORS (MATERIALS)
       .METAL OXIDE SEMICONDUCTORS
       .#SOS (SEMICONDUCTORS)
  RT   ITO (SEMICONDUCTORS)
       SIS (SEMICONDUCTORS)
       SOI (SEMICONDUCTORS)

SOT
  USE  SOLAR OPTICAL TELESCOPE

SOUND
  USE  ACOUSTICS
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SOUND ABSORPTION
USE SOUND TRANSMISSION

SOUND AMPLIFICATION
0702 0710 1002 2301
GS AMPLIFICATION
#SOUND AMPLIFICATION
RT ACOUSTIC ATTENUATION
ACOUSTIC EXCITATION
ACOUSTICS

SOUND BARRIER
USE ACOUSTIC VELOCITY

SOUND DETECTING AND RANGING
1301 1409 2602
UF ACOUSTIC DETECTION
RT ACOUSTIC SCATTERING
ATMOSPHERIC TEMPERATURE
% INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
METEOROLOGY
SODAR
TEMPERATURE MEASUREMENT

SOUND DETECTORS
USE SOUND TRANSDUCERS

SOUND FIELDS
0710 2301
RT ACOUSTICS
FIELD THEORY (PHYSICS)
MICROSONICS
PROPELLER NOISE

SOUND FIXING AND RANGING
2602
UF SFAR
SOFAR
RT SOUND RANGING
SOUND TRANSMISSION
UNDERWATER ACOUSTICS

SOUND FREQUENCIES
USE ACOUSTIC FREQUENCIES

SOUND GENERATORS
2301
UF ACOUSTIC GENERATORS
RT ACOUSTIC NOZZLES
AUDIO FREQUENCIES
AUDITORY STIMULI
BELLS
CONTINUOUS NOISE
% GENERATORS
HORNS
LOUDSPEAKERS
NOISE GENERATORS
RADIATION SOURCES
SIGNAL GENERATORS
% SIGNALS
SIRENS
WARNING SYSTEMS

SOUND HOLOGRAPHY
USE ACOUSTICAL HOLOGRAPHY

SOUND INTENSITY
0710 2301
GS ACOUSTIC PROPERTIES
#SOUND INTENSITY
..ZERO SOUND
RATES (PER TIME)
.FLUX DENSITY
.#SOUND INTENSITY
...ZERO SOUND
RT AUDITORY STIMULI
BIOACOUSTICS
EFFECTIVE PERCEIVED NOISE LEVELS
LOUDNESS
NOISE INTENSITY
NOISE MEASUREMENT
RADIANT FLUX DENSITY
SIGNAL FADING
SIGNAL FADING RATE
SIRENS

SOUND LOCALIZATION
0710 2301
GS PERCEPTION
#SOUND LOCALIZATION
RT AUDITORY PERCEPTION
BEARING (DIRECTION)
BINAURAL HEARING
DETECTION
ECHO SOUNDING
% ORIENTATION
POSITION INDICATORS
RANGE FINDERS
SONAR
SPACE PERCEPTION
TRACKING (POSITION)

SOUND MEASUREMENT
USE ACOUSTIC MEASUREMENT

SOUND PERCEPTION
USE AUDITORY PERCEPTION

SOUND PRESSURE
2301
GS PRESSURE
.RADIATION PRESSURE
.#SOUND PRESSURE
RT ACOUSTIC MEASUREMENT
ACOUSTIC VELOCITY
EXPLOSIONS
FLUX DENSITY
LOUDNESS
NOISE (SOUND)
SHOCK WAVES
STATIC PRESSURE

SOUND PROPAGATION
0710 2301
GS #SOUND PROPAGATION
.VOICE
RT ACOUSTIC PROPAGATION
ACOUSTICS
ATTENUATION
% CONDUCTION
DIFFUSION
NOISE GENERATORS
NOISE PROPAGATION
SHOCK WAVE PROPAGATION

SOUND RANGING
0710 2301
GS RANGEFINDING
#SOUND RANGING
RT DETECTION
DISTANCE MEASURING EQUIPMENT
ECHO SOUNDING
POSITION (LOCATION)
SONAR
SOUND FIXING AND RANGING
TARGET ACQUISITION
TRACKING (POSITION)

SOUND TRANSDUCERS
2301
UF SOUND DETECTORS
GS TRANSDUCERS
#SOUND TRANSDUCERS
..ELECTROACOUSTIC TRANSDUCERS
...HYDROPHONES
...LOUDSPEAKERS
...MICROPHONES
RT ELECTROACOUSTICS
% RADIATORS
SIGNAL DETECTION
SIGNAL DETECTORS
UNDERWATER ACOUSTICS
UNDERWATER COMMUNICATION

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SOUND TRANSMISSION
  0705 0710 2301
  UF   SOUND ABSORPTION
  GS   TRANSMISSION
       #SOUND TRANSMISSION
  RT % ABSORPTION
       ACOUSTICS
       ATTENUATION
       AUDIO FREQUENCIES
     % CONDUCTION
       EARPHONES
       ELASTIC WAVES
       ENERGY ABSORPTION
       MONAURAL SIGNALS
       MULTIPATH TRANSMISSION
     % PATHS
       PROPELLER NOISE
       SIGNAL TRANSMISSION
       SIRENS
       SOUND FIXING AND RANGING
       TELEPHONY
       THERMOCLINES
       WAVE PROPAGATION

SOUND VELOCITY
  USE  ACOUSTIC VELOCITY

SOUND WAVES
  0710 2301
  SN   (ELASTIC WAVES IN THE AUDIBLE
       RANGE)
  UF   ACOUSTIC RADIATION
       ACOUSTIC VIBRATIONS
  GS   ELASTIC WAVES
       #SOUND WAVES
       ..ELECTROACOUSTIC WAVES
       ..ION ACOUSTIC WAVES
       ..LAMB WAVES
       ..NOISE (SOUND)
       ...AERODYNAMIC NOISE
       ....BLADE SLAP NOISE
       ....PROPELLER NOISE
       ...AIRCRAFT NOISE
       ....BLADE SLAP NOISE
       ....JET AIRCRAFT NOISE
       ....PROPELLER NOISE
       ....SONIC BOOMS
       ...ENGINE NOISE
       ....ROCKET ENGINE NOISE
       ...THERMAL NOISE
  RT   ACOUSTIC COUPLING
       ACOUSTIC FREQUENCIES
       ACOUSTIC MEASUREMENT
       ACOUSTIC PROPERTIES
       ACOUSTIC STREAMING
       ACOUSTICAL HOLOGRAPHY
       ACOUSTICS
       AEOLIAN TONES
       AUDIO FREQUENCIES
       AUDITORY PERCEPTION
     % BLASTS
       DEEP SCATTERING LAYERS
       DETONATION WAVES
       DIFFUSION
       LONGITUDINAL WAVES
       LOUDNESS
       MACH CONES
       MAGNETOELASTIC WAVES
       MICROSONICS
       NOISE POLLUTION
       NOISE PREDICTION (AIRCRAFT)
       PHONONS
       PLANE WAVES
       POLARIZED ELASTIC WAVES
     % RADIATION
       REVERBERATION
       SHOCK WAVES
       SONOGRAMS
       SURFACE ACOUSTIC WAVE DEVICES
       ULTRASONIC RADIATION
     % WAVES

SOUND-SOUND INTERACTIONS
  1202 2301 2312
  RT   HARMONICS
     % INTERACTIONS
       INTERMODULATION
       WAVE DISPERSION

SOUNDERS
  USE  SOUNDING

SOUNDING
  1308 2003 3407
  UF   SOUNDERS
  GS  #SOUNDING
       .ACOUSTIC SOUNDING
       .ATMOSPHERIC SOUNDING
       .BALLOON SOUNDING
       .ECHO SOUNDING
       .IONOSPHERIC SOUNDING
       .MICROWAVE SOUNDING
       .ROCKET SOUNDING
       .SATELLITE SOUNDING
  RT   BATHYMETERS
       DEPTH MEASUREMENT
     % MEASUREMENT
       METEOROLOGICAL BALLOONS
       METEOROLOGICAL FLIGHT
       ROBIN BALLOONS
       SONDES

SOUNDING ROCKETS
  3009 3108 3409
  UF   METEOROLOGICAL ROCKETS
       ROCKET SONDES
  GS   ROCKET VEHICLES
       #SOUNDING ROCKETS
       ..AEROBEE ROCKET VEHICLE
       ..ANTARES ROCKET VEHICLE
       ..APACHE ROCKET VEHICLE
       ..ARCAS ROCKET VEHICLES
       ..ARIES SOUNDING ROCKET
       ..ASTROBEE ROCKET VEHICLES
       ...ASTROBEE 1500 ROCKET VEHICLE
       ..BLACK BRANT SOUNDING ROCKETS
       ...BLACK BRANT 1 SOUNDING ROCKET
       ...BLACK BRANT 2 SOUNDING ROCKET
       ...BLACK BRANT 3 SOUNDING ROCKET
       ...BLACK BRANT 4 SOUNDING ROCKET
       ...BLACK BRANT 5 SOUNDING ROCKET
       ..CAJUN ROCKET VEHICLE
       ..DORNIER PARAGLIDER ROCKET VEHICLE
       ..EXOS SOUNDING ROCKET
       ..JAGUAR ROCKET VEHICLE
       ..JUDI-DART ROCKET
       ..KAPPA ROCKET VEHICLES
       ...KAPPA 8 ROCKET VEHICLE
       ...KAPPA 9 ROCKET VEHICLE
       ..LAMBDA ROCKET VEHICLES
       ..LOKI ROCKET VEHICLE
       ..PETREL SOUNDING ROCKET
       ..PHOENIX SOUNDING ROCKET
       ..SKUA ROCKET VEHICLES
       ..SKYLARK ROCKET VEHICLE
       ..VENUS FLY TRAP ROCKET VEHICLE
       ..VERONIQUE ROCKET VEHICLES
       ..VERTICAL 8 ROCKET
       ..WASP SOUNDING ROCKET
  RT   ACOUSTIC SOUNDING
       ARGO ROCKET VEHICLES
       IONOSONDES
       JAVELIN ROCKET VEHICLE
       METEOROLOGICAL INSTRUMENTS
       METEOROLOGICAL SATELLITES
       NIKE-JAVELIN ROCKET VEHICLE
       PAYLOAD CONTROL
       RADIOSONDES
       ROCKET SOUNDING
       SONDES
       VIKING ROCKET VEHICLE

SOUNDS (TOPOGRAPHIC FEATURES)
  1306 1310
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  GS  #SOUNDS (TOPOGRAPHIC FEATURES)
       .BLOCK ISLAND SOUND (RI)
       .MCMURDO SOUND
       .PRINCE WILLIAM SOUND (AK)
  RT   CHESAPEAKE BAY (US)
       INLETS (TOPOGRAPHY)
       OCEANS
       RIVERS
       WATER

SOURCE PROGRAMS
  0802
  GS   COMPUTER PROGRAMS
       #SOURCE PROGRAMS

% SOURCES
  0303 2201
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CAUSES
       DERIVATION
       ELECTRON SOURCES
       EXTRAGALACTIC RADIO SOURCES
       ION SOURCES
       NONPOINT SOURCES
       RADIATION SOURCES
       RADIO SOURCES (ASTRONOMY)
       SINKS

SOUTH AFRICA
  USE  REPUBLIC OF SOUTH AFRICA

SOUTH AMERICA
  1305
  GS   CONTINENTS
       #SOUTH AMERICA
  RT   ANDES MOUNTAINS (SOUTH AMERICA)
       ARGENTINA
       BOLIVIA
       BRAZIL
       CENTRAL AMERICA
       CHILE
       COLOMBIA
       ECUADOR
       FRENCH GUIANA
       GUYANA
       MAGDALENA-CAUCA VALLEY (COLOMBIA)
       PARAGUAY
       PERU
       SURINAM
       TRINIDAD AND TOBAGO
       URUGUAY
       VENEZUELA

SOUTH CAROLINA
  1305
  GS   NATIONS
       .UNITED STATES
       .#SOUTH CAROLINA
  RT   SAND HILLS REGION (GA-NC-SC)

SOUTH DAKOTA
  1305
  GS   NATIONS
       .UNITED STATES
       .#SOUTH DAKOTA
  RT   BLACK HILLS (SD-WY)
       MISSOURI RIVER (US)

SOUTH KOREA
  1305
  UF   REPUBLIC OF KOREA
  GS   NATIONS
       #SOUTH KOREA
  RT   ASIA
     % KOREA
       NORTH KOREA

SOUTH VIETNAM
  USE  VIETNAM

SOUTH WEST AFRICA
  USE  NAMIBIA

SOUTHEAST ASIA
  1305
  GS   REGIONS
       #SOUTHEAST ASIA
  RT   ASIA
       VIETNAM

SOUTHERN CALIFORNIA
  1305
  GS   REGIONS
       #SOUTHERN CALIFORNIA
  RT   CALIFORNIA
       MEXICO
       NEVADA
       PACIFIC OCEAN
       UNITED STATES

SOUTHERN HEMISPHERE
  1305
  GS  #SOUTHERN HEMISPHERE
       .ANTARCTIC REGIONS
       ..MCMURDO SOUND
       ..ROSS ICE SHELF
  RT % HEMISPHERES
       NORTHERN HEMISPHERE
       SOUTHERN OSCILLATION
       SOUTHERN SKY

SOUTHERN OSCILLATION
  1310
  GS   OSCILLATIONS
       #SOUTHERN OSCILLATION
  RT   ANOMALIES
       ATMOSPHERIC CIRCULATION
       ATMOSPHERIC PRESSURE
       CLIMATE
       EL NINO
       PERIODIC VARIATIONS
       PRESSURE OSCILLATIONS
       SOUTHERN HEMISPHERE

SOUTHERN SKY
  3001
  RT   ASTRONOMICAL CATALOGS
       ASTRONOMICAL OBSERVATORIES
       ASTRONOMICAL PHOTOGRAPHY
       ASTRONOMICAL SPECTROSCOPY
       ASTRONOMY
       NORTHERN SKY
       SKY SURVEYS (ASTRONOMY)
       SOUTHERN HEMISPHERE

SOUTHERN YEMEN
  1305
  UF   ADEN
  GS   NATIONS
       #SOUTHERN YEMEN
       REGIONS
       #SOUTHERN YEMEN
  RT   ASIA

SOVEREIGNTY
  3402 3403
  RT   INTERNATIONAL COOPERATION
       INTERNATIONAL LAW
       POLITICS
       VOTING

SOVIET SATELLITES
  3110
  GS   ARTIFICIAL SATELLITES
       #SOVIET SATELLITES
       ..COSMOS SATELLITES
       ...COSMOS 2 SATELLITE
       ...COSMOS 3 SATELLITE
       ...COSMOS 5 SATELLITE
       ...COSMOS 6 SATELLITE
       ...COSMOS 14 SATELLITE
       ...COSMOS 44 SATELLITE
       ...COSMOS 54 SATELLITE
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...COSMOS 71 SATELLITE
...COSMOS 110 SATELLITE
...COSMOS 137 SATELLITE
...COSMOS 144 SATELLITE
...COSMOS 149 SATELLITE
...COSMOS 166 SATELLITE
...COSMOS 186 SATELLITE
...COSMOS 188 SATELLITE
...COSMOS 206 SATELLITE
...COSMOS 213 SATELLITE
...COSMOS 224 SATELLITE
...COSMOS 225 SATELLITE
...COSMOS 381 SATELLITE
...COSMOS 954 SATELLITE
...COSMOS 1129 SATELLITE
...INTERCOSMOS SATELLITES
..COSMOS 782 SATELLITE
..COSMOS 936 SATELLITE
..MOLNIYA SATELLITES
..PROGNOZ SATELLITES
..PROTON SATELLITES
...PROTON 1 SATELLITE
...PROTON 2 SATELLITE
...PROTON 3 SATELLITE
...PROTON 4 SATELLITE
..RADUGA SATELLITE
..SPUTNIK SATELLITES
...SPUTNIK 1 SATELLITE
...SPUTNIK 2 SATELLITE
...SPUTNIK 3 SATELLITE
...SPUTNIK 4 SATELLITE
...SPUTNIK 5 SATELLITE
..VENERA SATELLITES
...VENERA 2 SATELLITE
...VENERA 3 SATELLITE
...VENERA 4 SATELLITE
...VENERA 5 SATELLITE
...VENERA 6 SATELLITE
...VENERA 7 SATELLITE
...VENERA 8 SATELLITE
...VENERA 9 SATELLITE
...VENERA 10 SATELLITE
...VENERA 11 SATELLITE
...VENERA 12 SATELLITE

SOVIET SPACECRAFT
3110
GS #SOVIET SPACECRAFT
.BURAN SPACE SHUTTLE
.LUNIK LUNAR PROBES
..LUNIK 2 LUNAR PROBE
..LUNIK 3 LUNAR PROBE
..LUNIK 9 LUNAR PROBE
..LUNIK 10 LUNAR PROBE
..LUNIK 11 LUNAR PROBE
..LUNIK 12 LUNAR PROBE
..LUNIK 13 LUNAR PROBE
..LUNIK 14 LUNAR PROBE
..LUNIK 16 LUNAR PROBE
..LUNIK 17 LUNAR PROBE
..LUNIK 19 LUNAR PROBE
..LUNIK 20 LUNAR PROBE
..LUNIK 22 LUNAR PROBE
.MARS 1 SPACECRAFT
.MARS 2 SPACECRAFT
.MARS 3 SPACECRAFT
.MARS 4 SPACECRAFT
.MARS 5 SPACECRAFT
.MARS 6 SPACECRAFT
.MARS 7 SPACECRAFT
.MIR SPACE STATION
.SALYUT SPACE STATION
.SOYUZ SPACECRAFT
.SPUTNIK SATELLITES
..SPUTNIK 1 SATELLITE
..SPUTNIK 2 SATELLITE
..SPUTNIK 3 SATELLITE
..SPUTNIK 4 SATELLITE
..SPUTNIK 5 SATELLITE
.VENERA SATELLITES
..VENERA 2 SATELLITE
..VENERA 3 SATELLITE
..VENERA 4 SATELLITE
..VENERA 5 SATELLITE
..VENERA 6 SATELLITE
..VENERA 7 SATELLITE
..VENERA 8 SATELLITE
..VENERA 9 SATELLITE
..VENERA 10 SATELLITE
..VENERA 11 SATELLITE
..VENERA 12 SATELLITE
.ZOND SPACE PROBES
..ZOND 1 SPACE PROBE
..ZOND 2 SPACE PROBE
..ZOND 3 SPACE PROBE
..ZOND 4 SPACE PROBE
..ZOND 5 SPACE PROBE
..ZOND 6 SPACE PROBE
..ZOND 7 SPACE PROBE
..ZOND 8 SPACE PROBE
RT % SPACECRAFT

SOVIET UNION
USE U.S.S.R.

SOYBEANS
0409 0505
GS FARM CROPS
.LEGUMINOUS PLANTS
.#SOYBEANS
PLANTS (BOTANY)
.LEGUMINOUS PLANTS
.#SOYBEANS
RT % FOOD

SOYUZ SPACECRAFT
3104
GS MANNED SPACECRAFT
#SOYUZ SPACECRAFT
SOVIET SPACECRAFT
#SOYUZ SPACECRAFT
RT APOLLO SOYUZ TEST PROJECT
SALYUT SPACE STATION
U.S.S.R. SPACE PROGRAM

% SPACE
3009 3409
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ALGEBRA
ANALYSIS (MATHEMATICS)
CARTAN SPACE
CISLUNAR SPACE
DEEP SPACE
FRACTALS
FUNCTION SPACE
HYPERSPACES
SET THEORY
SPATIAL DEPENDENCIES

SPACE ADAPTATION SYNDROME
0401
RT AEROSPACE MEDICINE
BIOASTRONAUTICS
BIOLOGICAL EFFECTS
LONG DURATION SPACE FLIGHT
MANNED SPACE FLIGHT
MOTION SICKNESS
PHYSIOLOGICAL EFFECTS
PSYCHOLOGICAL EFFECTS
SPACE FLIGHT STRESS
SPACE PSYCHOLOGY
WEIGHTLESSNESS

SPACE ARROW SATELLITE
USE COSMOS 149 SATELLITE

SPACE BASED RADAR
3102
GS RADAR
#SPACE BASED RADAR
RT AIRBORNE RADAR
ANTENNA ARRAYS
RADIATION EFFECTS

```
      RADIATION SHIELDING

SPACE BASES
  3109
  GS  #SPACE BASES
       .LUNAR BASES
       .SPACE COLONIES
  RT % BASES
       MIR SPACE STATION
       SALYUT SPACE STATION
       SPACE STATIONS
       STATIONS

SPACE BIOLOGY
  USE  EXOBIOLOGY

SPACE BUSES
  USE  FERRY SPACECRAFT

SPACE CAPSULES
  0504 0507 3104 3107 3110
  UF   CAPSULES (SPACECRAFT)
  GS  #SPACE CAPSULES
       .DISCOVERER RECOVERY CAPSULES
       .ESCAPE CAPSULES
       .MERCURY SPACECRAFT
       ..AURORA 7
       ..FAITH 7
       ..FRIENDSHIP 7
       ..SIGMA 7
  RT   ARTIFICIAL SATELLITES
       BIOSATELLITES
       CABIN ATMOSPHERES
     % CAPSULES
       COCKPITS
       GEMINI SPACECRAFT
       INTERPLANETARY SPACECRAFT
       LANDING MODULES
       LUNAR SPACECRAFT
       MANNED SPACECRAFT
       MERCURY FLIGHTS
       RECOVERABLE SPACECRAFT
       REENTRY VEHICLES
       RENDEZVOUS SPACECRAFT
       SOFT LANDING SPACECRAFT
     % SPACECRAFT
       SPACECRAFT CABINS
       SPACECRAFT MODULES
       UNMANNED SPACECRAFT
       VOSKHOD MANNED SPACECRAFT
       VOSTOK SPACECRAFT

SPACE CHARGE
  1203 2302 2304 3009
  GS   ELECTRIC CHARGE
       #SPACE CHARGE
  RT   BUNCHING
       CHILD-LANGMUIR LAW
       ELECTRIC DISCHARGES
       ELECTRON CLOUDS
       LANDAU DAMPING
       MAGNETOHYDRODYNAMICS
       NONOHMIC EFFECT
       ORBITRONS
       PERVEANCE
       PLASMAS (PHYSICS)
       STATIC ELECTRICITY

SPACE COLONIES
  1105 3109
  GS   SPACE BASES
       #SPACE COLONIES
  RT   LUNAR BASES
       LUNAR SHELTERS
       SPACE HABITATS
       SPACE STATIONS
       TERRAFORMING

SPACE COMMERCIALIZATION
  3402
  RT   AEROSPACE INDUSTRY
       COMMERCE LAB
       COMMERCIAL SPACECRAFT
       COMMUNICATION SATELLITES
       DIRECT BROADCAST SATELLITES
       INSURANCE (CONTRACTS)
       LUNAR MINING
     % MICROGRAVITY APPLICATIONS
       SPACE INDUSTRIALIZATION
       SPACE MANUFACTURING
       SPACE PROCESSING
       SPACECRAFT LAUNCHING
       TECHNOLOGY TRANSFER

SPACE COMMUNICATION
  0702 0707
  GS   TELECOMMUNICATION
       #SPACE COMMUNICATION
       ..EXTRATERRESTRIAL COMMUNICATION
       ..INTERPLANETARY COMMUNICATION
       ..LUNAR COMMUNICATION
       ...CIRCUMLUNAR COMMUNICATION
       ..SPACECRAFT COMMUNICATION
       ...REENTRY COMMUNICATION
       ...SATELLITE COMMUNICATION
  RT   COMMUNICATION SATELLITES
       DEFENSE COMMUNICATIONS SATELLITE
       SYSTEM
       EXTRATERRESTRIAL INTELLIGENCE
       FURLABLE ANTENNAS
       INTERSTELLAR COMMUNICATION
       LASERS
       LINE OF SIGHT COMMUNICATION
       MANNED SPACE FLIGHT
       OPTICAL COMMUNICATION
       PULSE COMMUNICATION
       RADIO COMMUNICATION
       RADIO TELEMETRY
       TELEVISION SYSTEMS
       WIRELESS COMMUNICATION

SPACE COOLING (BUILDINGS)
  0504
  GS   COOLING
       #SPACE COOLING (BUILDINGS)
  RT   COOLING SYSTEMS
       ENERGY TECHNOLOGY
       HEAT EXCHANGERS
       HEAT PUMPS
       LIQUID COOLING
       RESIDENTIAL ENERGY
       SOLAR COLLECTORS
       SOLAR COOLING
       SOLAR ENERGY CONVERSION
       TEMPERATURE CONTROL

SPACE DEBRIS
  0504 3110 3404
  GS   DEBRIS
       #SPACE DEBRIS
  RT   ASTEROID BELTS
       ASTEROIDS
       CHIRON
       COSMIC DUST
       DUST
       METEOROIDS
       MICROMETEOROIDS
     % SPACECRAFT
       SPACECRAFT BREAKUP
       SPACECRAFT DESIGN
       TORO ASTEROID
       VESTA ASTEROID

SPACE DENSITY
  1203 1302 1408 3009
  GS   DENSITY (MASS/VOLUME)
       #SPACE DENSITY
       DENSITY (NUMBER/VOLUME)
       #SPACE DENSITY
  RT   ATMOSPHERIC DENSITY
       ELECTRON DENSITY (CONCENTRATION)
       ION DENSITY (CONCENTRATION)
       PARTICLE DENSITY (CONCENTRATION)
       PLASMA DENSITY
       PLASMA INTERACTION EXPERIMENT
```

PROTON DENSITY (CONCENTRATION)

SPACE DETECTION AND TRACKING SYSTEM
0708 0709 1109 3009
UF SPADATS (TRACKING SYSTEM)
GS STATIONS
.GROUND STATIONS
.#SPACE DETECTION AND TRACKING SYSTEM
.TRACKING STATIONS
.#SPACE DETECTION AND TRACKING SYSTEM
TRACKING (POSITION)
#SPACE DETECTION AND TRACKING SYSTEM
TRACKING NETWORKS
#SPACE DETECTION AND TRACKING SYSTEM
RT MINITRACK SYSTEM
MISSILE TRACKING
OPTICAL TRACKING
PHOTOGRAPHIC TRACKING
POLYSTATION DOPPLER TRACKING SYSTEM
SPACECRAFT TRACKING
STDN (NETWORK)
% SYSTEMS

SPACE DIVERSITY
USE RECEPTION DIVERSITY

SPACE ELECTRIC ROCKET TESTS
2803 3106 3409
UF SERT (ROCKET TESTS)
GS ENGINE TESTS
#SPACE ELECTRIC ROCKET TESTS
RT ELECTRIC ROCKET ENGINES
FLIGHT TESTS
GROUND TESTS
SERT 1 SPACECRAFT
SERT 2 SPACECRAFT
% TESTS

SPACE ENVIRONMENT
USE AEROSPACE ENVIRONMENTS

SPACE ENVIRONMENT SIMULATION
0502 1107 3009
GS SIMULATION
.ENVIRONMENT SIMULATION
.#SPACE ENVIRONMENT SIMULATION
...WEIGHTLESSNESS SIMULATION
....NEUTRAL BUOYANCY SIMULATION
RT ALTITUDE SIMULATION
ATMOSPHERIC ENTRY SIMULATION
FLIGHT SIMULATION
FLIGHT SIMULATORS
HIGH VACUUM ORBITAL SIMULATOR
LANGLEY COMPLEX COORDINATOR
MOTION SIMULATORS
SOLAR SIMULATION
THERMAL SIMULATION
VACUUM CHAMBERS
VIRTUAL REALITY

SPACE ENVIRONMENTAL LUBRICATION
USE SPACECRAFT LUBRICATION

SPACE ERECTABLE STRUCTURES
3109
GS #SPACE ERECTABLE STRUCTURES
.INFLATABLE SPACECRAFT
..BEACON SATELLITES
...BEACON EXPLORER A
...EXPLORER 22 SATELLITE
RT EXPANDABLE STRUCTURES
FOLDING STRUCTURES
INFLATABLE STRUCTURES
LARGE DEPLOYABLE REFLECTOR
LARGE SPACE STRUCTURES
MAYPOLE ANTENNAS
ORBITAL ASSEMBLY
RIGID STRUCTURES
SELF ERECTING DEVICES
SPACE STATION STRUCTURES
SPACE TECHNOLOGY EXPERIMENTS
SPACECRAFT MODULES
SPACECRAFT STRUCTURES
% STRUCTURES

SPACE EXPER WITH PARTICLE ACCELERATORS
USE SEPAC (PAYLOAD)

SPACE EXPLORATION
3004 3007 3009 3409
UF PLANETARY EXPLORATION
GS EXPLORATION
#SPACE EXPLORATION
RT AEROSPACE ENVIRONMENTS
ASTEROID MISSIONS
ASTRODYNAMICS
% ASTRONAUTICS
BIOASTRONAUTICS
CASSINI MISSION
EXTRATERRESTRIAL ENVIRONMENTS
EXTRATERRESTRIAL RESOURCES
FRENCH SPACE PROGRAM
GULLIVER PROGRAM
INTERNATIONAL SPACE YEAR
INTERPLANETARY FLIGHT
INTERPLANETARY SPACECRAFT
INTERSTELLAR SPACECRAFT
JUPITER RINGS
LUNAR EXPLORATION
MAGELLAN PROJECT (NASA)
MANNED MARS MISSIONS
MANNED SPACE FLIGHT
MARS SAMPLE RETURN MISSIONS
MARS 69 PROJECT
MARS 71 PROJECT
PLANETARY BASES
PLANETARY COMPOSITION
PLANETARY GEOLOGY
SOLAR MAXIMUM MISSION-A
TOPS (SPACECRAFT)
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING MARS PROGRAM
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT

SPACE FLIGHT
3110 3409
GS #SPACE FLIGHT
.INTERPLANETARY FLIGHT
.INTERSTELLAR TRAVEL
.LONG DURATION SPACE FLIGHT
.LUNAR FLIGHT
.MANNED SPACE FLIGHT
..APOLLO FLIGHTS
...APOLLO 5 FLIGHT
...APOLLO 6 FLIGHT
...APOLLO 7 FLIGHT
...APOLLO 8 FLIGHT
...APOLLO 9 FLIGHT
...APOLLO 10 FLIGHT
...APOLLO 11 FLIGHT
...APOLLO 12 FLIGHT
...APOLLO 13 FLIGHT
...APOLLO 14 FLIGHT
...APOLLO 15 FLIGHT
...APOLLO 16 FLIGHT
...APOLLO 17 FLIGHT
..GEMINI FLIGHTS
...GEMINI 3 FLIGHT
...GEMINI 4 FLIGHT
...GEMINI 5 FLIGHT
...GEMINI 6 FLIGHT
...GEMINI 7 FLIGHT
...GEMINI 8 FLIGHT
...GEMINI 9 FLIGHT
...GEMINI 10 FLIGHT

...GEMINI 11 FLIGHT
...GEMINI 12 FLIGHT
..MANNED REENTRY
..MERCURY FLIGHTS
...MERCURY MA-1 FLIGHT
...MERCURY MA-2 FLIGHT
...MERCURY MA-3 FLIGHT
...MERCURY MA-4 FLIGHT
...MERCURY MA-5 FLIGHT
...MERCURY MA-6 FLIGHT
...MERCURY MA-7 FLIGHT
...MERCURY MA-8 FLIGHT
...MERCURY MA-9 FLIGHT
...MERCURY MR-1 FLIGHT
...MERCURY MR-2 FLIGHT
...MERCURY MR-3 FLIGHT
...MERCURY MR-4 FLIGHT
..SPACE SHUTTLE MISSIONS
...SPACE SHUTTLE MISSION 31-A
...SPACE SHUTTLE MISSION 31-B
...SPACE SHUTTLE MISSION 31-C
...SPACE SHUTTLE MISSION 31-D
...SPACE SHUTTLE MISSION 41-A
...SPACE SHUTTLE MISSION 41-B
...SPACE SHUTTLE MISSION 41-C
...SPACE SHUTTLE MISSION 41-D
...SPACE SHUTTLE MISSION 41-G
...SPACE SHUTTLE MISSION 51-A
...SPACE SHUTTLE MISSION 51-B
...SPACE SHUTTLE MISSION 51-C
...SPACE SHUTTLE MISSION 51-D
...SPACE SHUTTLE MISSION 51-E
...SPACE SHUTTLE MISSION 51-F
...SPACE SHUTTLE MISSION 51-G
...SPACE SHUTTLE MISSION 51-H
...SPACE SHUTTLE MISSION 51-I
...SPACE SHUTTLE MISSION 51-J
...SPACE SHUTTLE MISSION 51-L
...SPACE SHUTTLE MISSION 61-A
...SPACE SHUTTLE MISSION 61-B
...SPACE SHUTTLE MISSION 61-C
...SPACE SHUTTLE MISSION 61-E
.RETURN TO EARTH SPACE FLIGHT
RT AEROSPACE ENVIRONMENTS
APOLLO SOYUZ TEST PROJECT
ASCENT PROPULSION SYSTEMS
ASTRODYNAMICS
% ASTRONAUTICS
ATMOSPHERIC ENTRY
AUXILIARY PROPULSION
BIOASTRONAUTICS
CELESTIAL BODIES
EXPEDITIONS
EXPLORATION
EXTRAVEHICULAR ACTIVITY
% FLIGHT
FLIGHT MECHANICS
FLIGHT OPTIMIZATION
FLIGHT SIMULATION
FLYBY MISSIONS
GRAND TOURS
MARINER JUPITER-SATURN FLYBY
MARINER JUPITER-URANUS FLYBY
METEOROLOGICAL FLIGHT
% MISSIONS
ORBITS
PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
POINTING CONTROL SYSTEMS
PROPULSION
REENTRY
ROCKET FLIGHT
% ROCKETS
SOLAR SAILS
SPACE TRANSPORTATION SYSTEM FLIGHTS
SPACECRAFT GUIDANCE
SPACECRAFT MANEUVERS
SPACECRAFT PROPULSION
SUBORBITAL FLIGHT
TRAJECTORIES
VIKING LANDER SPACECRAFT
VIKING LANDER 1
VIKING LANDER 2
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VIKING 1 SPACECRAFT
VIKING 2 SPACECRAFT

SPACE FLIGHT FEEDING
0505 0507 3104
RT CONSUMABLES (SPACECREW SUPPLIES)
DEHYDRATED FOOD
DIETS
EATING
% FOOD
FOOD INTAKE
FOOD PRODUCTION (IN SPACE)
LIFE SUPPORT SYSTEMS
NUTRITION
NUTRITIONAL REQUIREMENTS
WASTE DISPOSAL

SPACE FLIGHT STRESS
0401 0408 0410 0503 0506
GS FLIGHT STRESS (BIOLOGY)
#SPACE FLIGHT STRESS
RT BOREDOM
% FLIGHT STRESS
GRAVITATIONAL PHYSIOLOGY
LOWER BODY NEGATIVE PRESSURE
MANNED SPACE FLIGHT
SPACE ADAPTATION SYNDROME
SPACE PSYCHOLOGY
STRESS (PHYSIOLOGY)
STRESS (PSYCHOLOGY)
WEIGHTLESSNESS

SPACE FLIGHT TRACKING AND DATA NETWORK
0709 1109
GS TRACKING NETWORKS
#SPACE FLIGHT TRACKING AND DATA NETWORK
RT % DATA
DATA ACQUISITION
GLOBAL TRACKING NETWORK
GROUND STATIONS
SATELLITE TRACKING
STATIONS
STDN (NETWORK)
TRACKING STATIONS

SPACE FLIGHT TRAINING
0401 0502 3104 3409
GS EDUCATION
.FLIGHT TRAINING
.#SPACE FLIGHT TRAINING
RT ASTRONAUT TRAINING
PILOT TRAINING
SPACECRAFT CABIN SIMULATORS
TRAINING SIMULATORS

SPACE GLIDERS
USE LIFTING REENTRY VEHICLES

SPACE GLOSSARIES
3405
RT BIBLIOGRAPHIES
DICTIONARIES
DOCUMENTATION
INDEXES (DOCUMENTATION)
INFORMATION RETRIEVAL
THESAURI

SPACE HABITATS
3009
RT AEROSPACE ENVIRONMENTS
CLOSED ECOLOGICAL SYSTEMS
LIFE SUPPORT SYSTEMS
SPACE COLONIES
SPACE STATIONS
SPACECREWS
TERRAFORMING

SPACE HEATING (BUILDINGS)

```
  0504
  GS    HEATING
        #SPACE HEATING (BUILDINGS)
  RT    AIR CONDITIONING
        ENVIRONMENTAL ENGINEERING
        HEATING EQUIPMENT
        RESIDENTIAL ENERGY
        SOLAR ATRIUMS
        SOLAR HEATING
        SOLAR HOUSES
        TEMPERATURE CONTROL
        WASTE ENERGY UTILIZATION

SPACE INDUSTRIALIZATION
  3402
  GS   #SPACE INDUSTRIALIZATION
        .SPACE MANUFACTURING
        .SPACE PROCESSING
  RT    COMMERCIAL SPACECRAFT
        ECONOMIC DEVELOPMENT
        ENERGY CONVERSION
        INDUSTRIES
        LUNAR MINING
        MANUFACTURING
      % PROCESSES
        PRODUCT DEVELOPMENT
        PRODUCTS
        RESEARCH FACILITIES
        SPACE COMMERCIALIZATION

SPACE INFRARED TELESCOPE FACILITY
  3001
  UF    SIRTF
  GS    ARTIFICIAL SATELLITES
        .SCIENTIFIC SATELLITES
        ..ASTRONOMICAL SATELLITES
        ..#SPACE INFRARED TELESCOPE
           FACILITY
        OBSERVATORIES
        .ASTRONOMICAL OBSERVATORIES
        ..ASTRONOMICAL SATELLITES
        ..#SPACE INFRARED TELESCOPE
           FACILITY
        TELESCOPES
        .INFRARED TELESCOPES
        .#SPACE INFRARED TELESCOPE FACILITY
        .SPACEBORNE TELESCOPES
        .#SPACE INFRARED TELESCOPE FACILITY
  RT    INFRARED ASTRONOMY
        SPACEBORNE ASTRONOMY

SPACE LABORATORIES
  3104 3107 3109 3409
  GS    LABORATORIES
        #SPACE LABORATORIES
        ..ADVANCED TECHNOLOGY LABORATORY
        ..ATMOSPHERIC CLOUD PHYSICS LAB
          (SPACELAB)
        ..EARTH VIEWING APPLICATIONS
          LABORATORY
        ..LONG DURATION EXPOSURE FACILITY
        ..MANNED ORBITAL LABORATORIES
        ...SKYLAB 1
        ...SKYLAB 2
        ...SKYLAB 3
        ...SKYLAB 4
        ...SPACELAB
  RT  % AEROSPACE SCIENCES
        ARTIFICIAL SATELLITES
        GEOPHYSICAL SATELLITES
        LUNAR LABORATORIES
        MIR SPACE STATION
        ORBITAL WORKSHOPS
        RESEARCH FACILITIES
        RESEARCH VEHICLES
        SAIL PROJECT
        SALYUT SPACE STATION
        SORTIE SYSTEMS
        SPACE STATION FREEDOM
        SPACE STATIONS
        SPACEBORNE EXPERIMENTS
      % SPACECRAFT

SPACE LAW
  3401 3403 3409
  GS    LAW (JURISPRUDENCE)
        .INTERNATIONAL LAW
        .#SPACE LAW
  RT    AIR LAW
        DIRECT BROADCAST SATELLITES
        INSURANCE (CONTRACTS)
        OUTER SPACE TREATY
        SABOTAGE

SPACE LOGISTICS
  0707 1103 1105 3006 3104 3109 3502
  GS    LOGISTICS
        #SPACE LOGISTICS
  RT    CONSUMABLES (SPACECRAFT)
        CONSUMABLES (SPACECREW SUPPLIES)
        EXTRATERRESTRIAL RESOURCES
        MANNED SPACE FLIGHT
        SPACECRAFT CABIN SIMULATORS
        SPACECREW TRANSFER
        STOWAGE (ONBOARD EQUIPMENT)

SPACE MAINTENANCE
  1105 3104 3109
  GS    MAINTENANCE
        #SPACE MAINTENANCE
  RT    ASTRONAUT TRAINING
      % ASTRONAUTICS
        EXTRAVEHICULAR ACTIVITY
        ORBITAL WORKERS
        PAYLOAD TRANSFER
        REMOTE MANIPULATOR SYSTEM

SPACE MANUFACTURING
  1504 1506 1507 3404
  GS    FABRICATION
        #SPACE MANUFACTURING
        MANUFACTURING
        #SPACE MANUFACTURING
        SPACE INDUSTRIALIZATION
        #SPACE MANUFACTURING
  RT    AEROSPACE ENVIRONMENTS
        ASSEMBLING
        COMMERCIAL SPACECRAFT
        CONSTRUCTION
        HIGH VACUUM
        INDUSTRIES
        LEVITATION MELTING
        LIQUID BRIDGES
        LOW GRAVITY MANUFACTURING
      % MICROGRAVITY APPLICATIONS
        SPACE COMMERCIALIZATION
        SPACE PROCESSING
        SPACEBORNE EXPERIMENTS
        TECHNOLOGIES
        VACUUM EFFECTS
        WEIGHTLESSNESS

SPACE MECHANICS
  0709 1901 2308 3006 3009
  GS    CLASSICAL MECHANICS
        #SPACE MECHANICS
        ..ASTRODYNAMICS
        ..CELESTIAL MECHANICS
        ..ORBITAL MECHANICS
        ...KEPLER LAWS
        ...MINIMUM VARIANCE ORBIT
           DETERMINATION
  RT    FLIGHT MECHANICS
        MAGNETOHYDRODYNAMICS
        ORBITAL SPACE TESTS
        QUADRATURES

SPACE MEDICINE
  USE   AEROSPACE MEDICINE

SPACE MISSIONS
  3004 3007 3104 3409
  GS   #SPACE MISSIONS
        .CASSINI MISSION
        .CLUSTER MISSION
```

.FLYBY MISSIONS
..ASTEROID MISSIONS
...COMET RENDEZVOUS ASTEROID FLYBY MISSION
..GIOTTO MISSION
..GRAND TOURS
...MARINER JUPITER-SATURN FLYBY
...MARINER JUPITER-URANUS FLYBY
...VOYAGER 1977 MISSION
..MARINER VENUS-MERCURY 1973
..MARINER-MERCURY 1973
.MANNED MARS MISSIONS
.MARS SAMPLE RETURN MISSIONS
.SOHO MISSION
.SOLAR MAXIMUM MISSION
..SOLAR MAXIMUM MISSION-A
.STARPROBE MISSION
.ULYSSES MISSION
RT APOLLO SOYUZ TEST PROJECT
CHINESE SPACE PROGRAM
EARTH-VENUS TRAJECTORIES
EUROPEAN SPACE PROGRAMS
FRENCH SPACE PROGRAM
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
MAGELLAN PROJECT (NASA)
% MISSIONS
SKYLAB 1
SKYLAB 2
SKYLAB 3
SKYLAB 4
SPACE PROGRAMS
SPACE SHUTTLE MISSIONS
% SPACECRAFT
TOPS (SPACECRAFT)

SPACE NAVIGATION
1410 3006 3502 3503
GS NAVIGATION
#SPACE NAVIGATION
..INTERPLANETARY NAVIGATION
RT AIR NAVIGATION
ASTRODYNAMICS
% ASTRONAUTICS
ASTRONAVIGATION
AUTONOMOUS NAVIGATION
CELESTIAL NAVIGATION
DIGITAL NAVIGATION
EARTH-VENUS TRAJECTORIES
GLOBAL POSITIONING SYSTEM
INERTIAL NAVIGATION
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
MANNED SPACECRAFT
ORBITAL MANEUVERS
ORBITAL MECHANICS
ORBITS
RADAR NAVIGATION
RADIO NAVIGATION
REFERENCE STARS
SATELLITE GUIDANCE
SATELLITE NAVIGATION SYSTEMS
SPACECRAFT GUIDANCE
SPACECRAFT POSITION INDICATORS
STANDARDIZED SPACE GUIDANCE

SPACE OBSERVATIONS (FROM EARTH)
3004
GS OBSERVATION
#SPACE OBSERVATIONS (FROM EARTH)
RT ASTRONOMICAL INTERFEROMETRY
DETECTION
RADIO OBSERVATION
RECONNAISSANCE
SEEING (ASTRONOMY)
SPACE SURVEILLANCE (GROUND BASED)
VISUAL OBSERVATION

SPACE OPERATIONS CENTER (NASA)
3009
GS ARTIFICIAL SATELLITES
.SPACE STATIONS
.#SPACE OPERATIONS CENTER (NASA)
MANNED SPACECRAFT
#SPACE OPERATIONS CENTER (NASA)
STATIONS
.SPACE STATIONS
.#SPACE OPERATIONS CENTER (NASA)
RT LARGE SPACE STRUCTURES
ORBITAL ASSEMBLY
ORBITAL SERVICING

% SPACE ORIENTATION
0401 0408 0501 0502 0506
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ATTITUDE (INCLINATION)
BEARING (DIRECTION)
VERTICAL PERCEPTION
VISUAL PERCEPTION

SPACE PERCEPTION
0401 0405 0408
UF DEPTH PERCEPTION
DISTANCE PERCEPTION
FORM PERCEPTION
SLANT PERCEPTION
GS PERCEPTION
.SENSORY PERCEPTION
..VISUAL PERCEPTION
..#SPACE PERCEPTION
....AUTOKINESIS
RT BINOCULAR VISION
MONOCULAR VISION
PERIPHERAL VISION
RANGE FINDERS
SOUND LOCALIZATION
VISUAL FIELDS

SPACE PHOTOGRAPHY
USE SPACEBORNE PHOTOGRAPHY

SPACE PLASMA H/V INTERACTION EXPERIMENTS
USE SPHINX

SPACE PLASMAS
2501 3009
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
...PLASMAS (PHYSICS)
...#SPACE PLASMAS
.....SOLAR WIND
.....STELLAR WINDS
RT AMPTE (SATELLITES)
CLUSTER MISSION
CRRES (SATELLITE)
EARTH MAGNETOSPHERE
FLUX TRANSFER EVENTS
GEOMAGNETISM
IONOPAUSE
MAGNETIC FIELD RECONNECTION
MAGNETOHYDRODYNAMIC STABILITY
MAGNETOHYDRODYNAMICS
OPEN PROJECT
PLASMA DENSITY
PLASMA DIAGNOSTICS
PLASMA INTERACTIONS
PLASMA LAYERS
PLASMA PHYSICS
PLASMA WAVES
PLASMA-ELECTROMAGNETIC INTERACTION
POLAR CUSPS
SPHINX
WAVE-PARTICLE INTERACTIONS

SPACE PLATFORMS
3109
GS #SPACE PLATFORMS
.COLUMBUS SPACE STATION
.EURECA (ESA)
.LONG DURATION EXPOSURE FACILITY
.MAN TENDED FREE FLYERS
.SPACE STATION POLAR PLATFORMS

.SYNCHRONOUS PLATFORMS
RT EARTH OBSERVING SYSTEM (EOS)
INTRAORBIT TRANSFER VEHICLES
ORBITAL SERVICING
% PLATFORMS
SHAPE CONTROL
SPACE STATION FREEDOM
SPACE STATIONS

SPACE POWER REACTORS
0302 0304
GS AUXILIARY POWER SOURCES
.NUCLEAR AUXILIARY POWER UNITS
.#SPACE POWER REACTORS
...FISSION ELECTRIC CELLS
....SNAP 2
....SNAP 4
....SNAP 8
....SNAP 10A
...SNAP 50
...SPACE POWER UNIT REACTORS
NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR AUXILIARY POWER UNITS
.#SPACE POWER REACTORS
...FISSION ELECTRIC CELLS
....SNAP 2
....SNAP 4
....SNAP 8
....SNAP 10A
...SNAP 50
...SPACE POWER UNIT REACTORS
.NUCLEAR POWER REACTORS
.#SPACE POWER REACTORS
...FISSION ELECTRIC CELLS
....SNAP 2
....SNAP 4
....SNAP 8
....SNAP 10A
...SPACE POWER UNIT REACTORS
NUCLEAR REACTORS
.NUCLEAR POWER REACTORS
.#SPACE POWER REACTORS
...FISSION ELECTRIC CELLS
....SNAP 2
....SNAP 4
....SNAP 8
....SNAP 10A
...SPACE POWER UNIT REACTORS
RT HEAT EXCHANGERS
SPACE STATION POWER SUPPLIES
TURBOGENERATORS

SPACE POWER UNIT REACTORS
0302 2201 2204
UF SPUR (REACTORS)
GS AUXILIARY POWER SOURCES
.NUCLEAR AUXILIARY POWER UNITS
..SPACE POWER REACTORS
..#SPACE POWER UNIT REACTORS
NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR AUXILIARY POWER UNITS
..SPACE POWER REACTORS
..#SPACE POWER UNIT REACTORS
.NUCLEAR POWER REACTORS
..SPACE POWER REACTORS
..#SPACE POWER UNIT REACTORS
NUCLEAR REACTORS
.NUCLEAR POWER REACTORS
..SPACE POWER REACTORS
..#SPACE POWER UNIT REACTORS
RT FISSION ELECTRIC CELLS
HEAT EXCHANGERS
SNAP
SNAP 2
SNAP 4
SNAP 8
SNAP 50
TURBOGENERATORS

SPACE PROBES
3108 3409 3009
GS UNMANNED SPACECRAFT
#SPACE PROBES
..EXPLORER 18 SATELLITE
..GIOTTO MISSION
..JUPITER PROBES
...GALILEO PROBE
...GALILEO SPACECRAFT
..LUNAR PROBES
...LUNIK LUNAR PROBES
....LUNIK 2 LUNAR PROBE
....LUNIK 3 LUNAR PROBE
....LUNIK 9 LUNAR PROBE
....LUNIK 10 LUNAR PROBE
....LUNIK 11 LUNAR PROBE
....LUNIK 12 LUNAR PROBE
....LUNIK 13 LUNAR PROBE
....LUNIK 14 LUNAR PROBE
....LUNIK 16 LUNAR PROBE
....LUNIK 17 LUNAR PROBE
....LUNIK 19 LUNAR PROBE
....LUNIK 20 LUNAR PROBE
....LUNIK 22 LUNAR PROBE
...RANGER LUNAR PROBES
....RANGER LUNAR LANDING VEHICLES
....RANGER 1 LUNAR PROBE
....RANGER 2 LUNAR PROBE
....RANGER 3 LUNAR PROBE
....RANGER 4 LUNAR PROBE
....RANGER 5 LUNAR PROBE
....RANGER 6 LUNAR PROBE
....RANGER 7 LUNAR PROBE
....RANGER 8 LUNAR PROBE
....RANGER 9 LUNAR PROBE
...SURVEYOR LUNAR PROBES
....SURVEYOR 1 LUNAR PROBE
....SURVEYOR 2 LUNAR PROBE
....SURVEYOR 3 LUNAR PROBE
....SURVEYOR 4 LUNAR PROBE
....SURVEYOR 5 LUNAR PROBE
....SURVEYOR 6 LUNAR PROBE
....SURVEYOR 7 LUNAR PROBE
..MARINER SPACE PROBES
...MARINER R 2 SPACE PROBE
...MARINER 1 SPACE PROBE
...MARINER 2 SPACE PROBE
...MARINER 3 SPACE PROBE
...MARINER 4 SPACE PROBE
...MARINER 5 SPACE PROBE
...MARINER 6 SPACE PROBE
...MARINER 7 SPACE PROBE
...MARINER 8 SPACE PROBE
...MARINER 9 SPACE PROBE
...MARINER 10 SPACE PROBE
...MARINER 11 SPACE PROBE
..MARINER SPACECRAFT
...MARINER C SPACECRAFT
...MARINER VENUS 67 SPACECRAFT
..MARS PROBES
...ADVANCED RECONN ELECTRIC SPACECRAFT
...MARINER 3 SPACE PROBE
...MARINER 4 SPACE PROBE
...MARINER 6 SPACE PROBE
...MARINER 7 SPACE PROBE
...MARINER 8 SPACE PROBE
...MARINER 9 SPACE PROBE
...MARS OBSERVER
...MARS 1 SPACECRAFT
...MARS 2 SPACECRAFT
...MARS 3 SPACECRAFT
...MARS 4 SPACECRAFT
...MARS 5 SPACECRAFT
...MARS 6 SPACECRAFT
...MARS 7 SPACECRAFT
...VIKING SPACECRAFT
....VIKING LANDER SPACECRAFT
.....VIKING LANDER 1
.....VIKING LANDER 2
....VIKING ORBITER SPACECRAFT
.....VIKING ORBITER 1
.....VIKING ORBITER 2
.....VIKING ORBITER 1975
....VIKING 1 SPACECRAFT
.....VIKING LANDER 1

.....VIKING ORBITER 1
....VIKING 2 SPACECRAFT
.....VIKING LANDER 2
.....VIKING ORBITER 2
...ZOND 2 SPACE PROBE
..PIONEER SPACE PROBES
...PIONEER VENUS 2 ENTRY PROBES
....PIONEER VENUS 2 NIGHT PROBE
....PIONEER VENUS 2 SOUNDER PROBE
...PIONEER 1 SPACE PROBE
...PIONEER 2 SPACE PROBE
...PIONEER 3 SPACE PROBE
...PIONEER 4 SPACE PROBE
...PIONEER 5 SPACE PROBE
...PIONEER 6 SPACE PROBE
...PIONEER 7 SPACE PROBE
...PIONEER 8 SPACE PROBE
...PIONEER 9 SPACE PROBE
...PIONEER 10 SPACE PROBE
...PIONEER 11 SPACE PROBE
..SOLAR PROBES
...HELIOS A
...HELIOS B
...HELIOS 1
...HELIOS 2
...STARPROBE SPACECRAFT
...SUNBLAZER SPACE PROBE
..VENUS PROBES
...MAGELLAN SPACECRAFT (NASA)
...MARINER 1 SPACE PROBE
...MARINER 2 SPACE PROBE
...MARINER 5 SPACE PROBE
...MARINER 10 SPACE PROBE
...VENERA SATELLITES
....VENERA 2 SATELLITE
....VENERA 3 SATELLITE
....VENERA 4 SATELLITE
....VENERA 5 SATELLITE
....VENERA 6 SATELLITE
....VENERA 7 SATELLITE
....VENERA 8 SATELLITE
....VENERA 9 SATELLITE
....VENERA 10 SATELLITE
....VENERA 11 SATELLITE
....VENERA 12 SATELLITE
...ZOND 1 SPACE PROBE
...ZOND 3 SPACE PROBE
...ZOND 4 SPACE PROBE
...ZOND 5 SPACE PROBE
...ZOND 6 SPACE PROBE
...ZOND 7 SPACE PROBE
...ZOND 8 SPACE PROBE
..VOYAGER 1 SPACECRAFT
..VOYAGER 2 SPACECRAFT
RT ATLAS ABLE 5 LAUNCH VEHICLE
CASSINI MISSION
INTERPLANETARY SPACECRAFT
MAGNETIC PROBES
MANEUVERABLE SPACECRAFT
MARINER PROGRAM
METEOROLOGICAL SATELLITES
PIONEER PROJECT
PIONEER VENUS SPACECRAFT
PIONEER VENUS 1 SPACECRAFT
% PROBES
RADIO OCCULTATION
SATELLITE TELEVISION
VOYAGER PROJECT
VOYAGER 1977 MISSION

SPACE PROCESSING
3404
GS SPACE INDUSTRIALIZATION
#SPACE PROCESSING
RT ACOUSTIC LEVITATION
BIOPROCESSING
COMMERCIAL SPACECRAFT
CONTAINERLESS MELTS
CRYSTAL GROWTH
DIAMOND FILMS
ELECTRIC FURNACES
FLOAT ZONES
LEVITATION MELTING
LIQUID BRIDGES
LOW GRAVITY MANUFACTURING
MARANGONI CONVECTION
METALORGANIC CHEMICAL VAPOR
DEPOSITION
% MICROGRAVITY APPLICATIONS
MISCIBILITY GAP
ORBITAL WORKSHOPS
PROTEIN CRYSTAL GROWTH
SINGLE CRYSTALS
SPACE COMMERCIALIZATION
SPACE MANUFACTURING
SPACEBORNE EXPERIMENTS
ULTRAPURE METALS

SPACE PROCESSING APPLICATIONS ROCKET
3502
UF SPAR (ROCKET)
RT LAUNCH VEHICLES
METAL FOAMS
PAYLOADS
ROCKET VEHICLES
WEIGHTLESSNESS

SPACE PROGRAMS
3409 3009
GS PROGRAMS
#SPACE PROGRAMS
..ARGENTINE SPACE PROGRAM
..AUSTRALIAN SPACE PROGRAM
..BRAZILIAN SPACE PROGRAM
..CANADIAN SPACE PROGRAM
...ALOUETTE PROJECT
..CHINESE SPACE PROGRAM
..EUROPEAN SPACE PROGRAMS
...AUSTRIAN SPACE PROGRAM
...BELGIAN SPACE PROGRAM
...CZECHOSLOVAKIAN SPACE PROGRAM
...DANISH SPACE PROGRAM
...FINNISH SPACE PROGRAM
...FRENCH SPACE PROGRAM
...GERMAN SPACE PROGRAM
...GREEK SPACE PROGRAM
...HUNGARIAN SPACE PROGRAM
...ICELANDIC SPACE PROGRAM
...ITALIAN SPACE PROGRAM
...LUXEMBOURG SPACE PROGRAM
...NETHERLANDS SPACE PROGRAM
...NORWEGIAN SPACE PROGRAM
...PORTUGUESE SPACE PROGRAM
...SPANISH SPACE PROGRAM
...SWEDISH SPACE PROGRAM
...SWISS SPACE PROGRAM
...TURKISH SPACE PROGRAM
...U.S.S.R. SPACE PROGRAM
...UK SPACE PROGRAM
..GEOGRAPHIC APPLICATIONS PROGRAM
..INDIAN SPACE PROGRAM
..INDONESIAN SPACE PROGRAM
..ISRAELI SPACE PROGRAM
..JAPANESE SPACE PROGRAM
..MEXICAN SPACE PROGRAM
..NASA SPACE PROGRAMS
...APOLLO APPLICATIONS PROGRAM
...APOLLO PROJECT
...BIOASTRONAUTICAL ORBITAL SPACE SYSTEM
...CENTAUR PROJECT
...EARTH & OCEAN PHYSICS APPLICATIONS PROGRAM
...EARTH RESOURCES PROGRAM
....EARTH RESOURCES SURVEY PROGRAM
.....SEASAT PROGRAM
...ECHO PROJECT
...GALILEO PROJECT
...GEMINI PROJECT
...HELIOS PROJECT
...JUPITER PROJECT
...MAGELLAN PROJECT (NASA)
...MARINER PROGRAM
....MARINER VENUS-MERCURY 1973
....MARINER-MERCURY 1973

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      ...MARS 69 PROJECT
      ...MARS 71 PROJECT
      ...MERCURY PROJECT
      ...NATIONAL LAUNCH VEHICLE PROGRAM
      ...NEW MOONS PROJECT
      ...NIMBUS PROJECT
      ...OPEN PROJECT
      ...PIONEER PROJECT
      ...PROJECT SETI
      ...RANGER PROJECT
      ....AGENA B RANGER PROGRAM
      ...ROVER PROJECT
      ...SAIL PROJECT
      ...SATURN PROJECT
      ...SCOUT PROJECT
      ...SKYLAB PROGRAM
      ...STARPROBE MISSION
      ...SURVEYOR PROJECT
      ...SYNCHRONOUS COMMUNICATIONS
         SATELLITE PROJ
      ...TEKTITE PROJECT
      ...TIROS PROJECT
      ...TITAN PROJECT
      ...VANGUARD PROJECT
      ...VIKING MARS PROGRAM
      ...VOYAGER PROJECT
      ..NEW ZEALAND SPACE PROGRAM
      ..PAKISTAN SPACE PROGRAM
      ..SAUDI ARABIAN SPACE PROGRAM
  RT  APOLLO SOYUZ TEST PROJECT
      EUROPEAN SPACE AGENCY
      INTERNATIONAL SPACE YEAR
      ISRO
      MANNED SPACE FLIGHT
      NASA PROGRAMS
    % RESEARCH PROJECTS
      SOLAR MAXIMUM MISSION
      SPACE MISSIONS

SPACE PSYCHOLOGY
  0408
  GS  AEROSPACE MEDICINE
      #SPACE PSYCHOLOGY
      PSYCHOLOGY
      #SPACE PSYCHOLOGY
  RT  ASTRONAUT PERFORMANCE
      ASTRONAUT TRAINING
      AVIATION PSYCHOLOGY
      MANNED SPACE FLIGHT
      MILITARY PSYCHOLOGY
      PSYCHOLOGICAL EFFECTS
      PSYCHOLOGICAL FACTORS
      SOCIAL FACTORS
      SPACE ADAPTATION SYNDROME
      SPACE FLIGHT STRESS
      STRESS (PSYCHOLOGY)

SPACE RADIATION
  USE  EXTRATERRESTRIAL RADIATION

SPACE RADIATORS
  USE  SPACECRAFT RADIATORS

SPACE RATIONS
  0401 0505
  GS   CONSUMABLES (SPACECREW SUPPLIES)
       #SPACE RATIONS
       RATIONS
       #SPACE RATIONS
  RT % FOOD
       FOOD PRODUCTION (IN SPACE)
       PROVISIONING
       STOWAGE (ONBOARD EQUIPMENT)

SPACE RENDEZVOUS
  3006 3007
  UF   SPACECRAFT RENDEZVOUS
  GS   RENDEZVOUS
       #SPACE RENDEZVOUS
       ..ORBITAL RENDEZVOUS
       ...EARTH ORBITAL RENDEZVOUS
       ...LUNAR ORBITAL RENDEZVOUS
  RT   APOLLO SOYUZ TEST PROJECT
       RENDEZVOUS TRAJECTORIES
       SPACECRAFT DOCKING
       TRANSFER ORBITS

SPACE SCIENCES
  USE  AEROSPACE SCIENCES

SPACE SELF MANEUVERING UNITS
  USE  SELF MANEUVERING UNITS

SPACE SHUTTLE ASCENT STAGE
  3103 3104 3105 3107
  GS   SPACECRAFT CONFIGURATIONS
       #SPACE SHUTTLE ASCENT STAGE
  RT   ADVANCED SOLID ROCKET MOTOR (STS)
       ASCENT PROPULSION SYSTEMS
       EXTERNAL TANKS
       SPACE SHUTTLE BOOSTERS
       SPACE SHUTTLE ORBITERS
       SPACE SHUTTLE UPPER STAGES
       SPACE SHUTTLES
       STAGE SEPARATION

SPACE SHUTTLE BOOSTERS
  3104 3105 3110 3409 0205
  UF   SHUTTLE BOOSTERS
       SOLID ROCKET BOOSTERS (SPACE
       SHUTTLE)
       SPACE SHUTTLE SOLID ROCKET MOTORS
       SRB (SOLID ROCKET BOOSTERS)
  GS   ENGINES
       .ROCKET ENGINES
       ..BOOSTER ROCKET ENGINES
       ..#SPACE SHUTTLE BOOSTERS
       ....ADVANCED SOLID ROCKET MOTOR
           (STS)
       ..SOLID PROPELLANT ROCKET ENGINES
       ..#SPACE SHUTTLE BOOSTERS
       ....ADVANCED SOLID ROCKET MOTOR
           (STS)
  RT % BOOSTERS
       MANNED SPACECRAFT
       O RING SEALS
       REUSABLE SPACECRAFT
       SPACE SHUTTLE ASCENT STAGE

SPACE SHUTTLE MAIN ENGINE
  2804
  GS   ENGINES
       .ROCKET ENGINES
       ..LIQUID PROPELLANT ROCKET ENGINES
       ..#SPACE SHUTTLE MAIN ENGINE
  RT   PROPULSION
       SPACE TRANSPORTATION SYSTEM
       SPACE TRANSPORTATION SYSTEM FLIGHTS

SPACE SHUTTLE MISSION 31-A
  3107
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..SPACE SHUTTLE MISSIONS
       ..#SPACE SHUTTLE MISSION 31-A
  RT   COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 31-B
  3107
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..SPACE SHUTTLE MISSIONS
       ..#SPACE SHUTTLE MISSION 31-B
  RT   CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 31-C
  3107
  UF   SPACE SHUTTLE ORBITAL FLIGHT 7
  GS   SPACE FLIGHT
       .MANNED SPACE FLIGHT
       ..SPACE SHUTTLE MISSIONS
       ..#SPACE SHUTTLE MISSION 31-C
  RT   CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 31-D
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3107
UF SPACE SHUTTLE ORBITAL FLIGHT 8
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 31-D
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 41-A
3107
UF SPACE SHUTTLE ORBITAL FLIGHT 9
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 41-A
RT COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 41-B
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 41-B
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 41-C
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 41-C
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 41-D
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 41-D
RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 41-G
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 41-G
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-A
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-A
RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 51-B
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-B
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-C
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-C
RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 51-D
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-D
RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 51-E
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-E
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-F
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-F
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 51-G
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-G
RT DISCOVERY (ORBITER)
SAUDI ARABIAN SPACE PROGRAM

SPACE SHUTTLE MISSION 51-H
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-H
RT ATLANTIS (ORBITER)

SPACE SHUTTLE MISSION 51-I
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-I
RT DISCOVERY (ORBITER)

SPACE SHUTTLE MISSION 51-J
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-J
RT ATLANTIS (ORBITER)

SPACE SHUTTLE MISSION 51-L
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 51-L
RT CHALLENGER (ORBITER)

SPACE SHUTTLE MISSION 61-A
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 61-A
RT CHALLENGER (ORBITER)
COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 61-B
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 61-B
RT ATLANTIS (ORBITER)

SPACE SHUTTLE MISSION 61-C
3107
GS SPACE FLIGHT
.MANNED SPACE FLIGHT
..SPACE SHUTTLE MISSIONS
..#SPACE SHUTTLE MISSION 61-C
RT COLUMBIA (ORBITER)

SPACE SHUTTLE MISSION 61-E
3107

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  GS    SPACE FLIGHT
        .MANNED SPACE FLIGHT
        ..SPACE SHUTTLE MISSIONS
        ..#SPACE SHUTTLE MISSION 61-E
  RT    COLUMBIA (ORBITER)

SPACE SHUTTLE MISSIONS
  3107
  GS    SPACE FLIGHT
        .MANNED SPACE FLIGHT
        .#SPACE SHUTTLE MISSIONS
        ...SPACE SHUTTLE MISSION 31-A
        ...SPACE SHUTTLE MISSION 31-B
        ...SPACE SHUTTLE MISSION 31-C
        ...SPACE SHUTTLE MISSION 31-D
        ...SPACE SHUTTLE MISSION 41-A
        ...SPACE SHUTTLE MISSION 41-B
        ...SPACE SHUTTLE MISSION 41-C
        ...SPACE SHUTTLE MISSION 41-D
        ...SPACE SHUTTLE MISSION 41-G
        ...SPACE SHUTTLE MISSION 51-A
        ...SPACE SHUTTLE MISSION 51-B
        ...SPACE SHUTTLE MISSION 51-C
        ...SPACE SHUTTLE MISSION 51-D
        ...SPACE SHUTTLE MISSION 51-E
        ...SPACE SHUTTLE MISSION 51-F
        ...SPACE SHUTTLE MISSION 51-G
        ...SPACE SHUTTLE MISSION 51-H
        ...SPACE SHUTTLE MISSION 51-I
        ...SPACE SHUTTLE MISSION 51-J
        ...SPACE SHUTTLE MISSION 51-L
        ...SPACE SHUTTLE MISSION 61-A
        ...SPACE SHUTTLE MISSION 61-B
        ...SPACE SHUTTLE MISSION 61-C
        ...SPACE SHUTTLE MISSION 61-E
  RT    GET AWAY SPECIALS (STS)
     % MISSIONS
        SPACE MISSIONS
        SPACE TRANSPORTATION SYSTEM

SPACE SHUTTLE ORBITAL FLIGHT TEST 1
  USE   SPACE TRANSPORTATION SYSTEM 1
        FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 2
  USE   SPACE TRANSPORTATION SYSTEM 2
        FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 3
  USE   SPACE TRANSPORTATION SYSTEM 3
        FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TEST 4
  USE   SPACE TRANSPORTATION SYSTEM 4
        FLIGHT

SPACE SHUTTLE ORBITAL FLIGHT TESTS
  USE   SPACE TRANSPORTATION SYSTEM FLIGHTS

SPACE SHUTTLE ORBITAL FLIGHT 7
  USE   SPACE SHUTTLE MISSION 31-C

SPACE SHUTTLE ORBITAL FLIGHT 8
  USE   SPACE SHUTTLE MISSION 31-D

SPACE SHUTTLE ORBITAL FLIGHT 9
  USE   SPACE SHUTTLE MISSION 41-A

SPACE SHUTTLE ORBITAL FLIGHTS
  USE   SPACE TRANSPORTATION SYSTEM FLIGHTS

SPACE SHUTTLE ORBITER 099
  USE   CHALLENGER (ORBITER)

SPACE SHUTTLE ORBITER 101
  USE   ENTERPRISE (ORBITER)

SPACE SHUTTLE ORBITER 102
  USE   COLUMBIA (ORBITER)

SPACE SHUTTLE ORBITER 103
  USE   DISCOVERY (ORBITER)

SPACE SHUTTLE ORBITER 104
  USE   ATLANTIS (ORBITER)

SPACE SHUTTLE ORBITERS
  3104 3107 3409 3110 0205
  UF    SHUTTLE ORBITERS
  GS    MANNED SPACECRAFT
        #SPACE SHUTTLE ORBITERS
        ..ATLANTIS (ORBITER)
        ..CHALLENGER (ORBITER)
        ..COLUMBIA (ORBITER)
        ..DISCOVERY (ORBITER)
        ..ENDEAVOUR (ORBITER)
        ..ENTERPRISE (ORBITER)
        REENTRY VEHICLES
        .RECOVERABLE SPACECRAFT
        ..REUSABLE SPACECRAFT
        ..#SPACE SHUTTLE ORBITERS
        ....ATLANTIS (ORBITER)
        ....CHALLENGER (ORBITER)
        ....COLUMBIA (ORBITER)
        ....DISCOVERY (ORBITER)
        ....ENDEAVOUR (ORBITER)
        ....ENTERPRISE (ORBITER)
  RT    INERTIAL UPPER STAGE
        MANNED SPACE FLIGHT
        MICROWAVE SCANNING BEAM LANDING
        SYSTEM
        PAYLOAD INTEGRATION PLAN
        SHUTTLE DERIVED VEHICLES
        SPACE SHUTTLE ASCENT STAGE
        SPACE TRANSPORTATION SYSTEM
        SPACECRAFT RECOVERY
        TERMINAL AREA ENERGY MANAGEMENT

SPACE SHUTTLE PAYLOADS
  3009
  GS    PAYLOADS
        #SPACE SHUTTLE PAYLOADS
        ..ADVANCED TECHNOLOGY LABORATORY
        ..ASTRO MISSIONS (STS)
        ..ATMOSPHERIC GENERAL CIRCULATION
          EXPERIMENT
        ..EARTH RADIATION BUDGET EXPERIMENT
        ..EARTH VIEWING APPLICATIONS
          LABORATORY
        ..ELECTROMAGNETIC ENVIRONMENT
          EXPERIMENT
        ..GET AWAY SPECIALS (STS)
        ..HALOGEN OCCULTATION EXPERIMENT
        ..OSS-1 PAYLOAD
        ..OSTA-1 PAYLOAD
        ..OSTA-3 PAYLOAD
        ..PHYSICS AND CHEMISTRY EXPERIMENT
          IN SPACE
        ..PLASMA INTERACTION EXPERIMENT
        ..SPACELAB
        ..X RAY ASTROPHYSICS FACILITY
  RT    COMMERCE LAB
        EXTRAVEHICULAR ACTIVITY
        FEATURE IDENTIFICATION AND
        LOCATION EXPER
        HUBBLE SPACE TELESCOPE
        ORBITAL SERVICING
        PAYLOAD ASSIST MODULE
        PAYLOAD INTEGRATION
        PAYLOAD INTEGRATION PLAN
        SHUTTLE IMAGING RADAR
        SORTIE SYSTEMS
        SPACE STATION PAYLOADS
        SPACE TECHNOLOGY EXPERIMENTS
        SPACE TRANSPORTATION SYSTEM
        SPACEBORNE EXPERIMENTS
        STARLAB

SPACE SHUTTLE SOLID ROCKET MOTORS
  USE   SPACE SHUTTLE BOOSTERS

SPACE SHUTTLE UPPER STAGE A
  3104
  UF    SSUS-A
  GS    SPACE SHUTTLE UPPER STAGES
```

#SPACE SHUTTLE UPPER STAGE A
RT ATLAS CENTAUR LAUNCH VEHICLE

SPACE SHUTTLE UPPER STAGE D
3104
UF SSUS-D
GS SPACE SHUTTLE UPPER STAGES
#SPACE SHUTTLE UPPER STAGE D
RT DELTA LAUNCH VEHICLE
SOLID PROPELLANT ROCKET ENGINES
SPIN STABILIZATION

SPACE SHUTTLE UPPER STAGES
3107
GS #SPACE SHUTTLE UPPER STAGES
.SPACE SHUTTLE UPPER STAGE A
.SPACE SHUTTLE UPPER STAGE D
.SPINNING SOLID UPPER STAGE
RT SPACE SHUTTLE ASCENT STAGE

SPACE SHUTTLES
3104 3105 3110 3409 0205
GS MANNED SPACECRAFT
#SPACE SHUTTLES
..BURAN SPACE SHUTTLE
..HERMES MANNED SPACEPLANE
REENTRY VEHICLES
.RECOVERABLE SPACECRAFT
..REUSABLE SPACECRAFT
..#SPACE SHUTTLES
....BURAN SPACE SHUTTLE
....HERMES MANNED SPACEPLANE
RT ADVANCED LAUNCH SYSTEM (STS)
AEPS
AEROMANEUVERING ORBIT TO ORBIT SHUTTLE
ANNULAR SUSPENSION AND POINTING SYSTEM
APPROACH AND LANDING TESTS (STS)
ASSESS PROGRAM
AUXILIARY PROPULSION
BESS (SATELLITE)
COLUMBUS SPACE STATION
ENTRY GUIDANCE (STS)
EURECA (ESA)
EXPENDABLE STAGES (SPACECRAFT)
GERMAN INFRARED LABORATORY
HOTOL LAUNCH VEHICLE
INERTIAL UPPER STAGE
INTERIM STAGES (SPACECRAFT)
INTRAORBIT TRANSFER VEHICLES
LIRTS (TELESCOPE)
MANNED SPACE FLIGHT
ORBIT MANEUVERING ENGINE (SPACE SHUTTLE)
ORBIT TRANSFER VEHICLES
ORBITAL MANEUVERS
PAYLOAD CONTROL
PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
PAYLOAD RETRIEVAL (STS)
SAIL PROJECT
SHUTTLE DERIVED VEHICLES
SHUTTLE ENGINEERING SIMULATOR
SHUTTLE PALLET SATELLITES
SINGLE STAGE TO ORBIT VEHICLES
SORTIE SYSTEMS
SPACE SHUTTLE ASCENT STAGE
SPACE TRANSPORTATION SYSTEM
SPACE TRANSPORTATION SYSTEM FLIGHTS
% SPACECRAFT
SPACECRAFT RECOVERY
SPACELAB

SPACE SIMULATORS
0502 1107
UF ORBITAL SIMULATORS
GS SIMULATORS
.ENVIRONMENT SIMULATORS
.#SPACE SIMULATORS
...HIGH VACUUM ORBITAL SIMULATOR
...LANGLEY COMPLEX COORDINATOR
RT CENTRIFUGES
FLIGHT SIMULATORS
NEUTRAL BUOYANCY SIMULATION
SOLAR SIMULATORS
SPACECRAFT ENVIRONMENTS
VACUUM CHAMBERS

SPACE STATION FREEDOM
3109
UF FREEDOM SPACE STATION
GS ARTIFICIAL SATELLITES
.SPACE STATIONS
.#SPACE STATION FREEDOM
STATIONS
.SPACE STATIONS
.#SPACE STATION FREEDOM
RT COLUMBUS SPACE STATION
LARGE SPACE STRUCTURES
NASA SPACE PROGRAMS
ORBITAL SERVICING
SPACE LABORATORIES
SPACE PLATFORMS
SPACE STATION PAYLOADS
SPACE STATION POLAR PLATFORMS
SPACE STATION POWER SUPPLIES
SPACE STATION PROPULSION
SPACE STATION STRUCTURES

SPACE STATION PAYLOADS
3009 3104 3109 3110 3409
GS PAYLOADS
#SPACE STATION PAYLOADS
RT EARTH OBSERVING SYSTEM (EOS)
MAN TENDED FREE FLYERS
SPACE SHUTTLE PAYLOADS
SPACE STATION FREEDOM
SPACE STATION POLAR PLATFORMS
SPACE STATIONS
SPACELAB PAYLOADS

SPACE STATION POLAR PLATFORMS
3109
UF POLAR PLATFORMS (SPACE STATIONS)
GS ARTIFICIAL SATELLITES
.SPACE STATIONS
.#SPACE STATION POLAR PLATFORMS
SPACE PLATFORMS
#SPACE STATION POLAR PLATFORMS
STATIONS
.SPACE STATIONS
.#SPACE STATION POLAR PLATFORMS
RT COLUMBUS SPACE STATION
EARTH OBSERVING SYSTEM (EOS)
POLAR ORBITS
REMOTE SENSING
SPACE STATION FREEDOM
SPACE STATION PAYLOADS

SPACE STATION POWER SUPPLIES
2702 2808 3110
GS ELECTRIC POWER SUPPLIES
#SPACE STATION POWER SUPPLIES
RT ELECTRIC BATTERIES
ENERGY STORAGE
SOLAR ARRAYS
SOLAR CELLS
SOLAR DYNAMIC POWER SYSTEMS
SPACE POWER REACTORS
SPACE STATION FREEDOM
SPACE STATIONS
SPACECRAFT POWER SUPPLIES
THERMOELECTRIC GENERATORS

SPACE STATION PROPULSION
2702 2808 3110
GS PROPULSION
#SPACE STATION PROPULSION
RT AUXILIARY PROPULSION
ELECTRIC PROPULSION
HYDROGEN OXYGEN ENGINES
ION ENGINES
LOW THRUST PROPULSION
PROPULSION SYSTEM CONFIGURATIONS

```
      RESISTOJET ENGINES
      SOLAR ELECTRIC PROPULSION
      SPACE STATION FREEDOM
      SPACE STATIONS
      SPACECRAFT PROPULSION

SPACE STATION STRUCTURES
  3109 3409
  RT  LARGE SPACE STRUCTURES
      ORBITAL ASSEMBLY
      SMART STRUCTURES
      SPACE ERECTABLE STRUCTURES
      SPACE STATION FREEDOM
      SPACE STATIONS
      SPACECRAFT STRUCTURES
      STRUCTURAL DESIGN
    % STRUCTURES

SPACE STATIONS
  3009 3109 3409
  UF  EARTH ORBITING SPACE STATIONS
      MANNED ORBITAL SPACE STATIONS
      MOSS (SPACE STATIONS)
      SELF DEPLOYING SPACE STATIONS
  GS  ARTIFICIAL SATELLITES
      #SPACE STATIONS
      ..COLUMBUS SPACE STATION
      ..HALO ORBIT SPACE STATION
      ..MAN TENDED FREE FLYERS
      ..MIR SPACE STATION
      ..ORBITING LUNAR STATIONS
      ..SALYUT SPACE STATION
      ..SKYLAB 1
      ..SKYLAB 2
      ..SKYLAB 3
      ..SKYLAB 4
      ..SPACE OPERATIONS CENTER (NASA)
      ..SPACE STATION FREEDOM
      ..SPACE STATION POLAR PLATFORMS
      STATIONS
      #SPACE STATIONS
      ..COLUMBUS SPACE STATION
      ..HALO ORBIT SPACE STATION
      ..MAN TENDED FREE FLYERS
      ..MIR SPACE STATION
      ..ORBITING LUNAR STATIONS
      ..SALYUT SPACE STATION
      ..SKYLAB 1
      ..SKYLAB 2
      ..SKYLAB 3
      ..SKYLAB 4
      ..SPACE OPERATIONS CENTER (NASA)
      ..SPACE STATION FREEDOM
      ..SPACE STATION POLAR PLATFORMS
  RT  AEPS
      BIOASTRONAUTICS
      FERRY SPACECRAFT
      INFLATABLE STRUCTURES
      LARGE SPACE STRUCTURES
      MANNED ORBITAL LABORATORIES
      MANNED SPACECRAFT
      MILITARY SPACECRAFT
      ORBITAL SERVICING
      ORBITAL SPACE TESTS
      ORBITAL WORKSHOPS
    % PLATFORMS
      RENDEZVOUS SPACECRAFT
      SATURN WORKSHOPS
      SATURN 1 WORKSHOP
      SATURN 5 WORKSHOP
      SORTIE SYSTEMS
      SPACE BASES
      SPACE COLONIES
      SPACE HABITATS
      SPACE LABORATORIES
      SPACE PLATFORMS
      SPACE STATION PAYLOADS
      SPACE STATION POWER SUPPLIES
      SPACE STATION PROPULSION
      SPACE STATION STRUCTURES
      SPACECRAFT DOCKING
      SPIN STABILIZATION

SPACE STORAGE
  0505 1103 3109
  RT  CRYOGENIC FLUID STORAGE
      CRYOGENIC ROCKET PROPELLANTS
      PROPELLANT STORAGE
      STORABLE PROPELLANTS
    % STORAGE
      STORAGE TANKS

SPACE SUITS
  0504 0507 0508
  GS  CLOTHING
      .PROTECTIVE CLOTHING
      ..PRESSURE SUITS
      ..#SPACE SUITS
      ....EXTRAVEHICULAR MOBILITY UNITS
      .SUITS
      ..PRESSURE SUITS
      ..#SPACE SUITS
      ....EXTRAVEHICULAR MOBILITY UNITS
  RT  SAFETY DEVICES

% SPACE SURVEILLANCE
  0705 0707 3006 3107
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  SPACE SURVEILLANCE (GROUND BASED)
      SPACE SURVEILLANCE (SPACEBORNE)

SPACE SURVEILLANCE (GROUND BASED)
  0705 0707 1109 3401
  GS  SURVEILLANCE
      #SPACE SURVEILLANCE (GROUND BASED)
  RT  AIR DEFENSE
      ANTIMISSILE DEFENSE
      MINITRACK SYSTEM
      SPACE OBSERVATIONS (FROM EARTH)
    % SPACE SURVEILLANCE
      SPACECRAFT TRACKING

SPACE SURVEILLANCE (SPACEBORNE)
  0705 0707 1109 3107 3401
  GS  SURVEILLANCE
      #SPACE SURVEILLANCE (SPACEBORNE)
  RT  AIR DEFENSE
      ANTIMISSILE DEFENSE
      HIGH ALTITUDE NUCLEAR DETECTION
      ICE MAPPING
      ICE REPORTING
      MILITARY SPACECRAFT
      OPTICAL COUNTERMEASURES
      RECONNAISSANCE
      SATELLITE-BORNE PHOTOGRAPHY
      SATELLITE-TO-SATELLITE TRACKING
    % SPACE SURVEILLANCE
      SPACECRAFT TRACKING

SPACE SYSTEMS ENGINEERING
  USE AEROSPACE ENGINEERING

SPACE TECHNOLOGY EXPERIMENTS
  3109
  RT  ANTENNA DESIGN
      ANTENNAS
      LARGE SPACE STRUCTURES
      SPACE ERECTABLE STRUCTURES
      SPACE SHUTTLE PAYLOADS
      SPACEBORNE EXPERIMENTS

SPACE TEMPERATURE
  1302 1408 3009 3303
  GS  TEMPERATURE
      #SPACE TEMPERATURE
  RT  CRYOGENIC TEMPERATURE
      ELECTRON ENERGY
      ION TEMPERATURE

SPACE TOOLS
  0506 1504 3404
  GS  TOOLS
      #SPACE TOOLS
```

```
  RT    LOW GRAVITY MANUFACTURING
        ORBITAL WORKERS
        TELEROBOTICS

SPACE TRANSPORTATION
  3110 3409
  GS    TRANSPORTATION
        #SPACE TRANSPORTATION
        ..SPACE TRANSPORTATION SYSTEM
        ...ADVANCED LAUNCH SYSTEM (STS)
  RT    HOTOL LAUNCH VEHICLE
        INERTIAL UPPER STAGE
        JAPANESE SPACE PROGRAM
        ORBIT TRANSFER VEHICLES
        PAYLOAD STATIONS
        PAYLOADS
        SINGLE STAGE TO ORBIT VEHICLES
        TERMINAL AREA ENERGY MANAGEMENT

SPACE TRANSPORTATION SYSTEM
  3107
  UF    STS
  GS    TRANSPORTATION
        .SPACE TRANSPORTATION
        .#SPACE TRANSPORTATION SYSTEM
        ...ADVANCED LAUNCH SYSTEM (STS)
  RT    ADVANCED SOLID ROCKET MOTOR (STS)
        ANNULAR SUSPENSION AND POINTING
        SYSTEM
        APPROACH AND LANDING TESTS (STS)
        ATMOSPHERIC GENERAL CIRCULATION
        EXPERIMENT
        DEFENSE PROGRAM
        EXTRAVEHICULAR MOBILITY UNITS
        HERMES MANNED SPACEPLANE
        INERTIAL UPPER STAGE
        MANNED MANEUVERING UNITS
        NASA PROGRAMS
        ORBITAL SERVICING
        OSS-1 PAYLOAD
        OSTA-1 PAYLOAD
        OSTA-2 PAYLOAD
        OSTA-3 PAYLOAD
        PAYLOAD ASSIST MODULE
        PAYLOAD DELIVERY (STS)
        PAYLOAD INTEGRATION PLAN
        PAYLOAD RETRIEVAL (STS)
        POWER MODULES (STS)
        REMOTE MANIPULATOR SYSTEM
        SPACE SHUTTLE MAIN ENGINE
        SPACE SHUTTLE MISSIONS
        SPACE SHUTTLE ORBITERS
        SPACE SHUTTLE PAYLOADS
        SPACE SHUTTLES
        SPACE TRANSPORTATION SYSTEM FLIGHTS
        SPACE TUGS
        SPACELAB
      % SYSTEMS

SPACE TRANSPORTATION SYSTEM FLIGHTS
  3107
  UF    OFT
        ORBITAL FLIGHT TESTS (SHUTTLE)
        SPACE SHUTTLE ORBITAL FLIGHT TESTS
        SPACE SHUTTLE ORBITAL FLIGHTS
  GS    FLIGHT TESTS
        #SPACE TRANSPORTATION SYSTEM
         FLIGHTS
        ..SPACE TRANSPORTATION SYSTEM 1
          FLIGHT
        ..SPACE TRANSPORTATION SYSTEM 2
          FLIGHT
        ..SPACE TRANSPORTATION SYSTEM 3
          FLIGHT
        ..SPACE TRANSPORTATION SYSTEM 4
          FLIGHT
  RT    ENTRY GUIDANCE (STS)
        GEOPHYSICAL FLUID FLOW CELLS
        SOLAR CELL CALIBRATION FACILITY
        SPACE FLIGHT
        SPACE SHUTTLE MAIN ENGINE
        SPACE SHUTTLES
        SPACE TRANSPORTATION SYSTEM
      % SYSTEMS
      % TESTS

SPACE TRANSPORTATION SYSTEM 1 FLIGHT
  3107
  UF    OFT 1
        ORBITAL FLIGHT TEST 1 (SHUTTLE)
        SPACE SHUTTLE ORBITAL FLIGHT TEST 1
        STS-1
  GS    FLIGHT TESTS
        .SPACE TRANSPORTATION SYSTEM
         FLIGHTS
        .#SPACE TRANSPORTATION SYSTEM 1
          FLIGHT

SPACE TRANSPORTATION SYSTEM 2 FLIGHT
  3107
  UF    OFT 2
        ORBITAL FLIGHT TEST 2 (SHUTTLE)
        SPACE SHUTTLE ORBITAL FLIGHT TEST 2
        STS-2
  GS    FLIGHT TESTS
        .SPACE TRANSPORTATION SYSTEM
         FLIGHTS
        .#SPACE TRANSPORTATION SYSTEM 2
          FLIGHT

SPACE TRANSPORTATION SYSTEM 3 FLIGHT
  3107
  UF    OFT 3
        ORBITAL FLIGHT TEST 3 (SHUTTLE)
        SPACE SHUTTLE ORBITAL FLIGHT TEST 3
        STS-3
  GS    FLIGHT TESTS
        .SPACE TRANSPORTATION SYSTEM
         FLIGHTS
        .#SPACE TRANSPORTATION SYSTEM 3
          FLIGHT

SPACE TRANSPORTATION SYSTEM 4 FLIGHT
  3107
  UF    OFT 4
        ORBITAL FLIGHT TEST 4 (SHUTTLE)
        SPACE SHUTTLE ORBITAL FLIGHT TEST 4
        STS-4
  GS    FLIGHT TESTS
        .SPACE TRANSPORTATION SYSTEM
         FLIGHTS
        .#SPACE TRANSPORTATION SYSTEM 4
          FLIGHT

SPACE TUGS
  2804 3110
  RT    INERTIAL UPPER STAGE
        MODULES
        ORBIT TRANSFER VEHICLES
        ORBITAL SERVICING
        PAYLOADS
        PROPULSION
        SPACE TRANSPORTATION SYSTEM
        SPACECRAFT PROPULSION

SPACE VEHICLE CHECKOUT PROGRAM
  1102 1104 1108 3110
  UF    SPACECRAFT PRELAUNCH TESTS
  RT    CHECKOUT
        COUNTDOWN
        PERFORMANCE TESTS
        PREFIRING TESTS
        SPACECRAFT MAINTENANCE
      % TESTS

SPACE VEHICLE CONTROL
  USE   SPACECRAFT CONTROL

SPACE VEHICLES
  USE   SPACECRAFT

SPACE WEAPONS
  3101 3401
  GS    WEAPONS
        #SPACE WEAPONS
```

RT AIR TO AIR MISSILES
ANTIMISSILE MISSILES
CHAPARRAL MISSILE
LASER WEAPONS
MINUTEMAN ICBM
NUCLEAR WEAPONS
SURFACE TO AIR MISSILES
WEAPON SYSTEMS
WEAPONS DELIVERY

SPACE-TIME CONTINUUM
USE RELATIVITY

SPACE-TIME FUNCTIONS
1902 2308
UF SPACE-TIME METRIC
GS FUNCTIONS (MATHEMATICS)
#SPACE-TIME FUNCTIONS
RT LIGHT-CONE EXPANSION
MINKOWSKI SPACE
NAKED SINGULARITIES
RELATIVITY
YANG-MILLS THEORY

SPACE-TIME METRIC
USE SPACE-TIME FUNCTIONS

SPACEBORNE ASTRONOMY
3001
GS ASTRONOMY
#SPACEBORNE ASTRONOMY
RT ASTRO MISSIONS (STS)
ASTRONOMICAL INTERFEROMETRY
ASTRONOMICAL SATELLITES
COSMIC BACKGROUND EXPLORER
SATELLITE
FAINT OBJECT CAMERA
GAMMA RAY OBSERVATORY
HIPPARCOS SATELLITE
HUBBLE SPACE TELESCOPE
INFRARED SPACE OBSERVATORY (ISO)
IUE
MAGELLAN ULTRAVIOLET ASTRONOMY
SATELLITE
PINHOLE OCCULTER FACILITY
QUASAT
ROSAT MISSION
SAS-2
SAS-3
SOFIA (AIRBORNE OBSERVATORY)
SPACE INFRARED TELESCOPE FACILITY
STARSAT TELESCOPE
TELESCOPES
ULTRAVIOLET TELESCOPES
X RAY ASTROPHYSICS FACILITY

SPACEBORNE EXPERIMENTS
2802
GS #SPACEBORNE EXPERIMENTS
.ORBITING FROG OTOLITH
.PHYSICS AND CHEMISTRY EXPERIMENT IN SPACE
.PLASMA INTERACTION EXPERIMENT
RT AEROSPACE ENVIRONMENTS
AMPTE (SATELLITES)
BIOPROCESSING
CRRES (SATELLITE)
EXPERIMENTATION
GEOPHYSICAL FLUID FLOW CELLS
GET AWAY SPECIALS (STS)
LONG DURATION EXPOSURE FACILITY
MAN TENDED FREE FLYERS
MOLECULAR SHIELDS
OSS-1 PAYLOAD
OSTA-1 PAYLOAD
OSTA-3 PAYLOAD
PAYLOAD ASSIST MODULE
PAYLOAD INTEGRATION PLAN
PAYLOADS
SPACE LABORATORIES
SPACE MANUFACTURING
SPACE PROCESSING
SPACE SHUTTLE PAYLOADS
SPACE TECHNOLOGY EXPERIMENTS
SPACELAB
WEIGHTLESSNESS

SPACEBORNE LASERS
1601
GS STIMULATED EMISSION DEVICES
.LASERS
.#SPACEBORNE LASERS
RT AIRBORNE LASERS
LASER APPLICATIONS
REMOTE SENSORS

SPACEBORNE PHOTOGRAPHY
1407 3001
UF SPACE PHOTOGRAPHY
GS IMAGERY
#SPACEBORNE PHOTOGRAPHY
..SATELLITE-BORNE PHOTOGRAPHY
PHOTOGRAPHY
#SPACEBORNE PHOTOGRAPHY
..SATELLITE-BORNE PHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
ASTRONOMICAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CLOUD PHOTOGRAPHS
CLOUD PHOTOGRAPHY
DIFFRACTION LIMITED CAMERAS
EARTH RESOURCES
LUNAR PHOTOGRAPHS
LUNAR PHOTOGRAPHY
MARS PHOTOGRAPHS
MULTISPECTRAL BAND SCANNERS
PHOTOMAPPING
PHOTOMAPS
ROCKET-BORNE PHOTOGRAPHY
SATELLITE OBSERVATION

SPACEBORNE TELESCOPES
3001 1412
GS TELESCOPES
#SPACEBORNE TELESCOPES
..GERMAN INFRARED LABORATORY
..HUBBLE SPACE TELESCOPE
..INFRARED SPACE OBSERVATORY (ISO)
..LARGE DEPLOYABLE REFLECTOR
..LIRTS (TELESCOPE)
..SOLAR OPTICAL TELESCOPE
..SPACE INFRARED TELESCOPE FACILITY
..STARLAB
..STARSAT TELESCOPE
..X RAY ASTROPHYSICS FACILITY
RT ASTRO MISSIONS (STS)
ASTRONOMICAL OBSERVATORIES
ASTRONOMICAL PHOTOGRAPHY
ASTRONOMY
DIFFRACTION LIMITED CAMERAS
FAINT OBJECT CAMERA
GAMMA RAY OBSERVATORY
MULTI-ANODE MICROCHANNEL ARRAYS
OPTICAL TRANSFER FUNCTION
ROSAT MISSION

% SPACECRAFT
3110
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF SPACE VEHICLES
RT ADVANCED RECONN ELECTRIC SPACECRAFT
AEROSPACE VEHICLES
AIR DATA SYSTEMS
ASTRO VEHICLE
ASTRODYNAMICS
ATLANTIS (ORBITER)
AUXILIARY PROPULSION
BIOSATELLITES
CANADIAN SPACECRAFT
CARGO SPACECRAFT
CHALLENGER (ORBITER)
CHINESE SPACECRAFT
COLUMBIA (ORBITER)

CZECHOSLOVAKIAN SPACECRAFT
DISCOVERY (ORBITER)
DUAL SPIN SPACECRAFT
ENDEAVOUR (ORBITER)
ENTERPRISE (ORBITER)
ESA SPACECRAFT
ESCAPE ROCKETS
EXPANDABLE STRUCTURES
FLEXIBLE SPACECRAFT
FLIGHT TEST VEHICLES
FRENCH SPACE PROGRAM
GALILEO PROBE
GALILEO SPACECRAFT
GROUND SUPPORT EQUIPMENT
HYPERSONIC VEHICLES
INDIAN SPACE PROGRAM
INDIAN SPACECRAFT
INFLATABLE SPACECRAFT
INTERPLANETARY SPACECRAFT
ISRAELI SPACECRAFT
JAPANESE SPACE PROGRAM
JAPANESE SPACECRAFT
LAUNCH VEHICLES
LUNAR SPACECRAFT
MAGELLAN SPACECRAFT (NASA)
MANEUVERABLE SPACECRAFT
MANNED ORBITAL LABORATORIES
MANNED SPACECRAFT
MARINER MARK 2 SPACECRAFT
MARK 1 SPACECRAFT
MILITARY SPACECRAFT
ORBIT TRANSFER VEHICLES
ORBITAL MANEUVERING VEHICLES
ORBITING LUNAR STATIONS
OUTER PLANETS EXPLORERS
PHOTO RECONNAISSANCE SPACECRAFT
PIONEER VENUS 2 SPACECRAFT
POWER LIMITED SPACECRAFT
RADIATION METEOROID SPACECRAFT
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
RESEARCH VEHICLES
% SATELLITES
SERT 1 SPACECRAFT
SERT 2 SPACECRAFT
SHUTTLE DERIVED VEHICLES
SOFT LANDING SPACECRAFT
SOLAR MAXIMUM MISSION-A
SOLETTAS
SOVIET SPACECRAFT
SPACE CAPSULES
SPACE DEBRIS
SPACE LABORATORIES
SPACE MISSIONS
SPACE SHUTTLES
SPACECRAFT CABIN SIMULATORS
SPACECRAFT MODULES
TECHNOLOGY FEASIBILITY SPACECRAFT
TEST VEHICLES
TOPS (SPACECRAFT)
TRANSATMOSPHERIC VEHICLES
UNIDENTIFIED FLYING OBJECTS
UNMANNED SPACECRAFT
% VEHICLES
VIKING ORBITER SPACECRAFT
VIKING ORBITER 1
VIKING ORBITER 2
VOYAGER 1 SPACECRAFT
VOYAGER 2 SPACECRAFT
X-30 VEHICLE

SPACECRAFT ANTENNAS
0701 0901
GS ANTENNAS
#SPACECRAFT ANTENNAS
RADIO EQUIPMENT
#SPACECRAFT ANTENNAS
TELECOMMUNICATION
#SPACECRAFT ANTENNAS
RT FURLABLE ANTENNAS

SPACECRAFT BREAKUP
1301 1302 3105 3107 3110
UF BREAKUP (SPACECRAFT)
ORBITAL BREAKUP
REENTRY BREAKUP
SATELLITE BREAKUP
SATELLITE FRAGMENTATION
RT ATMOSPHERIC ENTRY
DESTRUCTION
HAZARDS
METEOROID HAZARDS
ORBIT DECAY
REENTRY EFFECTS
SPACE DEBRIS
SPACECRAFT REENTRY
SPACECRAFT SURVIVABILITY
UNCONTROLLED REENTRY (SPACECRAFT)
WRECKAGE

SPACECRAFT CABIN ATMOSPHERES
0504 0505 0507 1107 3104
GS CONTROLLED ATMOSPHERES
.CABIN ATMOSPHERES
.#SPACECRAFT CABIN ATMOSPHERES
RT CARBON DIOXIDE CONCENTRATION
CLOSED ECOLOGICAL SYSTEMS
COCKPITS
ENVIRONMENTAL CONTROL
HIGH PRESSURE OXYGEN
PRESSURIZED CABINS
REBREATHING

SPACECRAFT CABIN SIMULATORS
0504 0507 3104
GS SIMULATORS
.TRAINING SIMULATORS
.#SPACECRAFT CABIN SIMULATORS
RT AEROSPACE ENVIRONMENTS
COCKPIT SIMULATORS
MANNED SPACECRAFT
SIMULATION
SPACE FLIGHT TRAINING
SPACE LOGISTICS
% SPACECRAFT
TEST FACILITIES

SPACECRAFT CABINS
0504 0507 3104
GS COMPARTMENTS
#SPACECRAFT CABINS
SPACECRAFT COMPONENTS
#SPACECRAFT CABINS
RT % CABINS
COCKPITS
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW WORKSTATIONS
PRESSURIZED CABINS
SPACE CAPSULES

SPACECRAFT CHARGING
1301
RT ELECTRIC FIELDS
EXTERNAL SURFACE CURRENTS
SINGLE EVENT UPSETS
SPACECRAFT GLOW
SYSTEM GENERATED ELECTROMAGNETIC
PULSES

SPACECRAFT CHARGING AT HIGH ALTITUDE
USE SCATHA SATELLITE

SPACECRAFT COMMUNICATION
0705 0706 0707 3110
SN (COMMUNICATION OF SPACECRAFT WITH
GROUND OR OTHER SPACECRAFT)
GS TELECOMMUNICATION
.SPACE COMMUNICATION
.#SPACECRAFT COMMUNICATION
...REENTRY COMMUNICATION
...SATELLITE COMMUNICATION
RT ARPA COMPUTER NETWORK
ASTRIONICS
CIRCUMLUNAR COMMUNICATION

EARTH TERMINALS
FACSIMILE COMMUNICATION
GROUND-AIR-GROUND COMMUNICATION
HOOP COLUMN ANTENNAS
INTERPLANETARY COMMUNICATION
LUNAR COMMUNICATION
OPTICAL COMMUNICATION
PACKET TRANSMISSION
PLASMA ANTENNAS
RADIO COMMUNICATION
SATELLITE COMMUNICATIONS SHIPS
SATELLITE GROUND SUPPORT
SINGLE CHANNEL PER CARRIER
TRANSMISSION
SYSTEM GENERATED ELECTROMAGNETIC
PULSES
UNIFIED S BAND
WIRELESS COMMUNICATION

SPACECRAFT COMPONENTS
3110
GS #SPACECRAFT COMPONENTS
.SERVICE MODULES
.SPACECRAFT CABINS
.SPACECRAFT DOCKING MODULES
.SPACECRAFT MODULES
..COMMAND MODULES
..COMMAND SERVICE MODULES
..LANDING MODULES
...LUNAR LANDING MODULES
....LUNAR MODULE
.....LSSM
...MARS EXCURSION MODULE
..SIM
RT AIRBORNE/SPACEBORNE COMPUTERS
BORON-EPOXY COMPOSITES
COMMONALITY
% COMPONENTS
NOSE CONES
ROCKET ENGINES

SPACECRAFT COMPUTERS
USE AIRBORNE/SPACEBORNE COMPUTERS

SPACECRAFT CONFIGURATIONS
3110 3401
GS #SPACECRAFT CONFIGURATIONS
.APOLLO TELESCOPE MOUNT
.SATELLITE CONFIGURATIONS
.SPACE SHUTTLE ASCENT STAGE
RT AERODYNAMIC CONFIGURATIONS
AIRCRAFT CONFIGURATIONS
APOLLO SHORT STACK
% CONFIGURATIONS
FLARED BODIES
LAUNCH VEHICLE CONFIGURATIONS
PROPULSION SYSTEM CONFIGURATIONS
RADIATION METEOROID SPACECRAFT
REENTRY VEHICLES
UPPER STAGE ROCKET ENGINES

SPACECRAFT CONSTRUCTION MATERIALS
1701 1802 1805 3110
RT % CONSTRUCTION MATERIALS
FUNCTIONALLY GRADIENT MATERIALS
LUDOX (TRADEMARK)
% MATERIALS

SPACECRAFT CONTAMINATION
0504 1102 3110
GS CONTAMINATION
#SPACECRAFT CONTAMINATION
RT DECONTAMINATION
EXOBIOLOGY

SPACECRAFT CONTROL
0707 3006 3110 3502
UF SPACE VEHICLE CONTROL
GS #SPACECRAFT CONTROL
.SATELLITE CONTROL
..SATELLITE ATTITUDE CONTROL
RT ATTITUDE CONTROL
AUTOMATIC CONTROL
% CONTROL
CONTROL SIMULATION
CREW PROCEDURES (PREFLIGHT)
ENGINE CONTROL
FLEXIBLE SPACECRAFT
FLIGHT CONTROL
FLY BY WIRE CONTROL
GROUND BASED CONTROL
MANUAL CONTROL
MARQUARDT R4D ENGINE
MISSILE CONTROL
POINTING CONTROL SYSTEMS
RADIO CONTROL
REMOTE CONTROL
ROCKET ENGINE CONTROL
SHAPE CONTROL
STATIONKEEPING
THRUST VECTOR CONTROL
VISUAL CONTROL

SPACECRAFT DEFENSE
3401
UF SATELLITE DEFENSE
RT SPACECRAFT SURVIVABILITY
VULNERABILITY

SPACECRAFT DESIGN
0101 3110 3203 3404 4001
GS #SPACECRAFT DESIGN
.IPAD
.SATELLITE DESIGN
RT ADVANCED LAUNCH SYSTEM (STS)
COMPUTER AIDED DESIGN
% DESIGN
ENGINE DESIGN
HERMES MANNED SPACEPLANE
INDIAN SPACE PROGRAM
JAPANESE SPACE PROGRAM
LOFTING
PRODUCT DEVELOPMENT
SATELLITE TEMPERATURE
SHUTTLE DERIVED VEHICLES
SPACE DEBRIS
SPACECRAFT TEMPERATURE
STRUCTURAL DESIGN
SYSTEMS ENGINEERING
TRANSATMOSPHERIC VEHICLES
WEIGHT REDUCTION

SPACECRAFT DOCKING
3110 3502
UF DOCKING
GS MANEUVERS
#SPACECRAFT DOCKING
RT % ASTRONAUTICS
INTERCEPTION
MIR SPACE STATION
MOORING
MULTIPLE DOCKING ADAPTERS
ORBITAL RENDEZVOUS
RENDEZVOUS TRAJECTORIES
SALYUT SPACE STATION
SPACE RENDEZVOUS
SPACE STATIONS
TRANSFER ORBITS

SPACECRAFT DOCKING MODULES
3110
GS MODULES
#SPACECRAFT DOCKING MODULES
SPACECRAFT COMPONENTS
#SPACECRAFT DOCKING MODULES
RT AIRLOCK MODULES
COMMAND MODULES
COMMAND SERVICE MODULES
LANDING MODULES
SERVICE MODULES

SPACECRAFT ELECTRONIC EQUIPMENT
0905 1002 1410 3110
GS ELECTRONIC EQUIPMENT
#SPACECRAFT ELECTRONIC EQUIPMENT

ONBOARD EQUIPMENT
.SPACECRAFT EQUIPMENT
.#SPACECRAFT ELECTRONIC EQUIPMENT
RT AIRBORNE/SPACEBORNE COMPUTERS
ASTRIONICS
SINGLE EVENT UPSETS

SPACECRAFT ENVIRONMENTS
0504 0507 3110
SN (LIMITED TO SPACECRAFT INTERNAL COMPARTMENTS AND CABINS; FOR SPACECRAFT EXTERNAL ENVIRONMENTS REFER TO 'EXTRATERRESTRIAL ENVIRONMENTS')
GS ENVIRONMENTS
#SPACECRAFT ENVIRONMENTS
RT AEROSPACE MEDICINE
BIOASTRONAUTICS
CLOSED ECOLOGICAL SYSTEMS
CONTROLLED ATMOSPHERES
ENVIRONMENTAL CONTROL
EXOBIOLOGY
EXTRATERRESTRIAL ENVIRONMENTS
INTRAVEHICULAR ACTIVITY
LIFE SUPPORT SYSTEMS
ROTATING ENVIRONMENTS
SATELLITE TEMPERATURE
SPACE SIMULATORS
THERMAL ENVIRONMENTS
WEIGHTLESSNESS

SPACECRAFT EQUIPMENT
3110
GS ONBOARD EQUIPMENT
#SPACECRAFT EQUIPMENT
..SPACECRAFT ELECTRONIC EQUIPMENT
RT % EQUIPMENT
OSTA-3 PAYLOAD
SPACECRAFT INSTRUMENTS

SPACECRAFT GLOW
0603 0605 2306 2310 3110
UF SHUTTLE GLOW
GS DECAY
#SPACECRAFT GLOW
EMISSION
.LIGHT EMISSION
..LUMINESCENCE
..#SPACECRAFT GLOW
RT EARTH ORBITAL ENVIRONMENTS
SPACECRAFT CHARGING
SURFACE REACTIONS

SPACECRAFT GUIDANCE
0707 1904 3006 3502
GS GUIDANCE (MOTION)
#SPACECRAFT GUIDANCE
..SATELLITE GUIDANCE
RT AUTOMATIC CONTROL
AUTONOMOUS NAVIGATION
CCD STAR TRACKER
CELESTIAL NAVIGATION
COMMAND GUIDANCE
GROUND BASED CONTROL
INERTIAL GUIDANCE
INJECTION GUIDANCE
INTERPLANETARY FLIGHT
INTERPLANETARY TRAJECTORIES
LASER GYROSCOPES
MANUAL CONTROL
MIDCOURSE GUIDANCE
ORBITS
REENTRY GUIDANCE
RENDEZVOUS GUIDANCE
SPACE FLIGHT
SPACE NAVIGATION
STAR TRACKERS
TERMINAL GUIDANCE

SPACECRAFT INSTRUMENTS
0902 1410 2802 3110
UF SPACECRAFT SENSORS
GS #SPACECRAFT INSTRUMENTS
.SATELLITE INSTRUMENTS
..MULTISPECTRAL LINEAR ARRAYS
.SPACECRAFT POSITION INDICATORS
RT ASTRIONICS
ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)
AUTONOMOUS SPACECRAFT CLOCKS
BUBBLE TECHNIQUE
FLIGHT INSTRUMENTS
FLIGHT TEST INSTRUMENTS
GUIDANCE SENSORS
INSTRUMENT PACKAGES
% INSTRUMENTS
I2S CAMERAS
LASER ALTIMETERS
MEASURING INSTRUMENTS
ONBOARD EQUIPMENT
SPACECRAFT EQUIPMENT

SPACECRAFT LANDING
3004 3007 3009 3110 3201
GS LANDING
#SPACECRAFT LANDING
..HORIZONTAL SPACECRAFT LANDING
..LUNAR LANDING
..MARS LANDING
..PLANETARY LANDING
RT AIRCRAFT LANDING
APPROACH AND LANDING TESTS (STS)
CRASH LANDING
GLIDE LANDINGS
HARD LANDING
LANDING SIMULATION
SOFT LANDING
SOFT LANDING SPACECRAFT
TERMINAL AREA ENERGY MANAGEMENT
TOUCHDOWN
VERTICAL LANDING
WATER LANDING

SPACECRAFT LAUNCHING
1104 3102 3103
UF SATELLITE LAUNCHING
GS LAUNCHING
#SPACECRAFT LAUNCHING
..LIFTOFF (LAUNCHING)
RT COUNTDOWN
HEAVY LIFT LAUNCH VEHICLES
HOTOL LAUNCH VEHICLE
LAUNCH DATES
LAUNCH VEHICLES
LAUNCH WINDOWS
LAUNCHING PADS
MISSILES
ORBIT INSERTION
ORBITAL LAUNCHING
ORBITAL SHOTS
POSTLAUNCH REPORTS
PRELAUNCH SUMMARIES
RAILGUN ACCELERATORS
REUSABLE LAUNCH VEHICLES
ROCKET LAUNCHING
SPACE COMMERCIALIZATION

SPACECRAFT LUBRICATION
1503 3110
UF SPACE ENVIRONMENTAL LUBRICATION
GS LUBRICATION
#SPACECRAFT LUBRICATION
RT SELF LUBRICATING MATERIALS

SPACECRAFT MAINTENANCE
GS MAINTENANCE
#SPACECRAFT MAINTENANCE
RT CHECKOUT
PRELAUNCH TESTS
SPACE VEHICLE CHECKOUT PROGRAM
SPACECRAFT RELIABILITY
TURNAROUND (STS)

SPACECRAFT MANEUVERS
0707 3006 3110 3009 3502

UF SATELLITE MANEUVERS
GS MANEUVERS
#SPACECRAFT MANEUVERS
..ORBITAL MANEUVERS
RT CONTROL SIMULATION
MANEUVERABILITY
MANEUVERABLE SPACECRAFT
ORBIT INSERTION
SPACE FLIGHT

SPACECRAFT MODELS
1108 3110 3404
GS MODELS
#SPACECRAFT MODELS
RT AIRCRAFT MODELS
DYNAMIC MODELS
MATHEMATICAL MODELS
SCALE MODELS

SPACECRAFT MODULES
2806 3110
GS MODULES
#SPACECRAFT MODULES
..COMMAND MODULES
..COMMAND SERVICE MODULES
..LANDING MODULES
...LUNAR LANDING MODULES
....LUNAR MODULE
.....LSSM
...MARS EXCURSION MODULE
..SIM
SPACECRAFT COMPONENTS
#SPACECRAFT MODULES
..COMMAND MODULES
..COMMAND SERVICE MODULES
..LANDING MODULES
...LUNAR LANDING MODULES
....LUNAR MODULE
.....LSSM
...MARS EXCURSION MODULE
..SIM
RT COMPARTMENTS
MAN TENDED FREE FLYERS
ORBITAL ASSEMBLY
SERVICE MODULES
SPACE CAPSULES
SPACE ERECTABLE STRUCTURES

SPACECRAFT MOTION
0101 3006 3502
SN (NONTRAJECTORY MOTION)
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
ATTITUDE STABILITY
BUFFETING
CONTROL STABILITY
DYNAMIC STABILITY
FLEXIBLE SPACECRAFT
FLUTTER
% MOTION
MOTION STABILITY
OSCILLATIONS
SIDESLIP
STABILITY
TUMBLING MOTION
VIBRATION

SPACECRAFT ORBITAL ASSEMBLY
USE ORBITAL ASSEMBLY

SPACECRAFT ORBITS
1904 3006 3110 3009 3502
GS ORBITS
#SPACECRAFT ORBITS
..SATELLITE ORBITS
...GEOSYNCHRONOUS ORBITS
...PARKING ORBITS
...POLAR ORBITS
...STATIONARY ORBITS
...TWENTY-FOUR HOUR ORBITS
..TRANSFER ORBITS
...INTERPLANETARY TRANSFER ORBITS
..TROJAN ORBITS
RT CIRCULAR ORBITS
EARTH ORBITS
ELLIPTICAL ORBITS
EQUATORIAL ORBITS
LUNAR ORBITS
ORBIT INSERTION
ORBITAL MECHANICS
ORBITAL POSITION ESTIMATION
PLANETARY ORBITS
SOLAR ORBITS

SPACECRAFT PERFORMANCE
3110 3409
RT ASTRONAUT PERFORMANCE
% PERFORMANCE
POSTLAUNCH REPORTS

SPACECRAFT POSITION INDICATORS
1410 3006 3110 3502 3503
GS DISPLAY DEVICES
.POSITION INDICATORS
.#SPACECRAFT POSITION INDICATORS
MEASURING INSTRUMENTS
.INDICATING INSTRUMENTS
..POSITION INDICATORS
..#SPACECRAFT POSITION INDICATORS
SPACECRAFT INSTRUMENTS
#SPACECRAFT POSITION INDICATORS
RT FLIGHT INSTRUMENTS
HEAD-UP DISPLAYS
ORBITAL POSITION ESTIMATION
SPACE NAVIGATION

SPACECRAFT POWER SUPPLIES
2201 2806 2808 3110 3303
GS ELECTRIC POWER SUPPLIES
#SPACECRAFT POWER SUPPLIES
RT AUXILIARY POWER SOURCES
CRYOCYCLE PRINCIPLE
DIRECT POWER GENERATORS
ELECTRIC BATTERIES
% ENERGY SOURCES
FREE-PISTON ENGINES
LASER POWER BEAMING
MICROWAVE POWER BEAMING
NICKEL HYDROGEN BATTERIES
NUCLEAR AUXILIARY POWER UNITS
POWER BEAMING
POWER MODULES (STS)
% POWER SUPPLIES
PROPELLANTS
SOLAR DYNAMIC POWER SYSTEMS
SPACE STATION POWER SUPPLIES

SPACECRAFT PRELAUNCH TESTS
USE SPACE VEHICLE CHECKOUT PROGRAM

SPACECRAFT PROPULSION
2702 2808 3110
GS PROPULSION
#SPACECRAFT PROPULSION
..ELECTROMAGNETIC PROPULSION
..ELECTROSTATIC PROPULSION
...ION PROPULSION
..MATTER-ANTIMATTER PROPULSION
..NEGATIVE MATTER PROPULSION
..PHOTONIC PROPULSION
..PLASMA PROPULSION
..SOLAR PROPULSION
...SOLAR ELECTRIC PROPULSION
...SOLAR THERMAL PROPULSION
RT CHEMICAL PROPULSION
DESCENT PROPULSION SYSTEMS
ELECTRIC PROPULSION
LASER PROPULSION
LOW THRUST PROPULSION
MAGNETOPLASMADYNAMICS
MASS DRIVERS
NUCLEAR ELECTRIC PROPULSION
NUCLEAR PROPULSION
OXYGEN-HYDROCARBON ROCKET ENGINES
POST BOOST PROPULSION SYSTEM

PROPELLANTS
ROCKET ENGINES
ROVER PROJECT
SOLAR SAILS
SPACE FLIGHT
SPACE STATION PROPULSION
SPACE TUGS

SPACECRAFT RADIATORS
2806 2808 3110 3303
UF SPACE RADIATORS
GS HEAT RADIATORS
#SPACECRAFT RADIATORS
RT CONDENSERS (LIQUEFIERS)
COOLING
COOLING SYSTEMS
RADIATIVE HEAT TRANSFER
SOLAR REFLECTORS

SPACECRAFT RECOVERY
3110
UF SATELLITE CAPTURE
SNATCHING
RT BOOSTER RECOVERY
DISCOVERER RECOVERY CAPSULES
RECOVERABLE SPACECRAFT
% RECOVERY
RECOVERY PARACHUTES
RECOVERY ZONES
RESCUE OPERATIONS
REUSABLE LAUNCH VEHICLES
SPACE SHUTTLE ORBITERS
SPACE SHUTTLES
WATER LANDING

SPACECRAFT REENTRY
3006 3105 3110 3501
GS ATMOSPHERIC ENTRY
.REENTRY
.#SPACECRAFT REENTRY
...UNCONTROLLED REENTRY (SPACECRAFT)
RT EARTH-VENUS TRAJECTORIES
ENTRY GUIDANCE (STS)
FLIGHT MECHANICS
HYPERSONIC REENTRY
LIFTING REENTRY VEHICLES
MANNED REENTRY
RETURN TO EARTH SPACE FLIGHT
SATELLITE LIFETIME
SPACECRAFT BREAKUP

SPACECRAFT RELIABILITY
1505 1905 3110 3404
GS RELIABILITY
#SPACECRAFT RELIABILITY
RT CIRCUIT RELIABILITY
COMPONENT RELIABILITY
CONTROLLABILITY
PRELAUNCH PROBLEMS
QUALITY CONTROL
SPACECRAFT MAINTENANCE

SPACECRAFT RENDEZVOUS
USE SPACE RENDEZVOUS

SPACECRAFT SENSORS
USE SPACECRAFT INSTRUMENTS

SPACECRAFT SHIELDING
3110 3305
GS SHIELDING
#SPACECRAFT SHIELDING
RT HEAT SHIELDING
% INSULATED STRUCTURES
METEOROID PROTECTION
NOSE CONES
RADIATION SHIELDING
RADIO FREQUENCY SHIELDING
REENTRY SHIELDING
REUSABLE HEAT SHIELDING
SAFETY DEVICES
SOLAR RADIATION SHIELDING

SPACECRAFT STABILITY
0101 2102 3006
UF SATELLITE ATTITUDE DISTURBANCE
GS DYNAMIC CHARACTERISTICS
.DYNAMIC STABILITY
..MOTION STABILITY
..#SPACECRAFT STABILITY
STABILITY
.DYNAMIC STABILITY
..MOTION STABILITY
..#SPACECRAFT STABILITY
RT AERODYNAMIC BALANCE
AERODYNAMIC STABILITY
ATTITUDE STABILITY
BUFFETING
CONTROL STABILITY
COUNTERBALANCES
DIRECTIONAL STABILITY
DISCOS (SATELLITE ATTITUDE CONTROL)
DUAL SPIN SPACECRAFT
LATERAL STABILITY
LIQUID SLOSHING
LONGITUDINAL STABILITY
LOW SPEED STABILITY
NUTATION DAMPERS
SATELLITE PERTURBATION
TUMBLING MOTION
WIND TUNNEL STABILITY TESTS

SPACECRAFT STERILIZATION
0504 3009 3110
GS CLEANING
.STERILIZATION
.#SPACECRAFT STERILIZATION
DECONTAMINATION
#SPACECRAFT STERILIZATION
RT CHEMICAL STERILIZATION
ETHYLENE OXIDE
EXOBIOLOGY
PLANETARY QUARANTINE
PURIFICATION
STERILIZATION EFFECTS

SPACECRAFT STRUCTURES
0102 3110 3203
RT AIRCRAFT STRUCTURES
FOLDING STRUCTURES
FUEL TANKS
LARGE SPACE STRUCTURES
METEOROID PROTECTION
ORBITAL ASSEMBLY
ROCKET ENGINES
SATELLITE DESIGN
SMART STRUCTURES
SPACE ERECTABLE STRUCTURES
SPACE STATION STRUCTURES
STRUCTURAL DESIGN
% STRUCTURES

SPACECRAFT SURVIVABILITY
1505
RT AIRCRAFT SURVIVABILITY
SPACECRAFT BREAKUP
SPACECRAFT DEFENSE
SURVIVAL
UNCONTROLLED REENTRY (SPACECRAFT)
VULNERABILITY

SPACECRAFT TELEVISION
0702 0707 1410 3110 3009
GS COMMUNICATION EQUIPMENT
#SPACECRAFT TELEVISION
..DIGITAL SPACECRAFT TELEVISION
..RANGER BLOCK 3 TELEVISION SYSTEM
..SATELLITE TELEVISION
TELECOMMUNICATION
#SPACECRAFT TELEVISION
..DIGITAL SPACECRAFT TELEVISION
..RANGER BLOCK 3 TELEVISION SYSTEM
..SATELLITE TELEVISION
TELEVISION SYSTEMS

#SPACECRAFT TELEVISION
..DIGITAL SPACECRAFT TELEVISION
..RANGER BLOCK 3 TELEVISION SYSTEM
..SATELLITE TELEVISION
RT COLOR TELEVISION
SATELLITE TRANSMISSION
STEREOTELEVISION
TELEVISION TRANSMISSION

SPACECRAFT TEMPERATURE
1408
RT HEAT PIPES
SATELLITE TEMPERATURE
SPACECRAFT DESIGN
TEMPERATURE CONTROL

SPACECRAFT TRACKING
0709 1109 3006 3110
GS TRACKING (POSITION)
#SPACECRAFT TRACKING
..SATELLITE TRACKING
...SATELLITE-TO-SATELLITE TRACKING
RT ADVANCED RANGE INSTRUMENTATION SHIP
DEEP SPACE NETWORK
MINITRACK SYSTEM
MISSILE TRACKING
OPTICAL TRACKING
POLYSTATION DOPPLER TRACKING SYSTEM
RADAR TRACKING
RADIO TRACKING
SPACE DETECTION AND TRACKING SYSTEM
SPACE SURVEILLANCE (GROUND BASED)
SPACE SURVEILLANCE (SPACEBORNE)
TRACKING NETWORKS
TRACKING STATIONS
TRANSPONDER CONTROL GROUP
UNIFIED S BAND

SPACECRAFT TRACKING AND DATA NETWORK
USE STDN (NETWORK)

SPACECRAFT TRAJECTORIES
1904 3006 3110 3009
GS TRAJECTORIES
#SPACECRAFT TRAJECTORIES
..EARTH-VENUS TRAJECTORIES
..INTERPLANETARY TRAJECTORIES
...EARTH-MARS TRAJECTORIES
...EARTH-MERCURY TRAJECTORIES
..LUNAR TRAJECTORIES
...CIRCUMLUNAR TRAJECTORIES
...EARTH-MOON TRAJECTORIES
...MOON-EARTH TRAJECTORIES
RT ASCENT TRAJECTORIES
DESCENT TRAJECTORIES
EARTH ORBITAL RENDEZVOUS
FLIGHT MECHANICS
GODDARD TRAJECTORY DETERMINATION SYSTEM
HYPERBOLIC TRAJECTORIES
INTERORBITAL TRAJECTORIES
LUNAR ORBITAL RENDEZVOUS
% MOTION
ORBITAL RENDEZVOUS
RADIO OCCULTATION
REENTRY TRAJECTORIES
RENDEZVOUS TRAJECTORIES
ROUND TRIP TRAJECTORIES
SWINGBY TECHNIQUE

SPACECREW TRANSFER
0410
UF INTERVEHICLE SPACECREW TRANSFER
RT APOLLO SOYUZ TEST PROJECT
COMMAND MODULES
MANNED SPACE FLIGHT
RENDEZVOUS SPACECRAFT
SPACE LOGISTICS

SPACECREWS
0410 0502 1102 3104
GS PERSONNEL
.CREWS
..FLIGHT CREWS
..#SPACECREWS
.FLYING PERSONNEL
..FLIGHT CREWS
..#SPACECREWS
RT ASTRONAUTS
COSMONAUTS
CREW EXPERIMENT STATIONS
CREW OBSERVATION STATIONS
CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
CREW WORKSTATIONS
SPACE HABITATS
TOILETS

SPACELAB
3104 3110 3409 3009
GS LABORATORIES
.SPACE LABORATORIES
..MANNED ORBITAL LABORATORIES
..#SPACELAB
MANNED SPACECRAFT
.MANNED ORBITAL LABORATORIES
.#SPACELAB
PAYLOADS
.SPACE SHUTTLE PAYLOADS
.#SPACELAB
RT ADVANCED TECHNOLOGY LABORATORY
ANNULAR SUSPENSION AND POINTING SYSTEM
EXPOS (SPACELAB PAYLOAD)
GEOPHYSICAL FLUID FLOW CELLS
GERMAN INFRARED LABORATORY
GET AWAY SPECIALS (STS)
GRIST (TELESCOPE)
LIRTS (TELESCOPE)
NASA PROGRAMS
OSTA-2 PAYLOAD
SEPAC (PAYLOAD)
SKYLAB PROGRAM
SPACE SHUTTLES
SPACE TRANSPORTATION SYSTEM
SPACEBORNE EXPERIMENTS
STARLAB

SPACELAB PAYLOADS
3107 3009
GS PAYLOADS
#SPACELAB PAYLOADS
..AMPS (SATELLITE PAYLOAD)
..ATMOSPHERIC CLOUD PHYSICS LAB (SPACELAB)
..ATMOSPHERIC GENERAL CIRCULATION EXPERIMENT
..GEOPHYSICAL FLUID FLOW CELLS
..SOLAR CELL CALIBRATION FACILITY
RT ANNULAR SUSPENSION AND POINTING SYSTEM
ASTRO MISSIONS (STS)
GET AWAY SPECIALS (STS)
SORTIE SYSTEMS
SPACE STATION PAYLOADS

SPACELAB SIMULATION FLIGHTS
USE ASSESS PROGRAM

SPACELAB UV-OPTICAL TELESCOPE FACILITY
USE STARLAB

SPACERS
1501 1504
RT BUSHINGS
DIVIDERS
FASTENERS
INSERTS
ISOLATORS
SEPARATORS
SPACING
WASHERS (SPACERS)

SPACETENNAS
0901

```
  GS   ANTENNAS
       .RADIO ANTENNAS
       ..MICROWAVE ANTENNAS
       ..#SPACETENNAS
       MICROWAVE EQUIPMENT
       .MICROWAVE ANTENNAS
       .#SPACETENNAS
       RADIO EQUIPMENT
       .RADIO ANTENNAS
       ..MICROWAVE ANTENNAS
       ..#SPACETENNAS
  RT   MICROWAVE TRANSMISSION
       RECTENNAS

SPACING
  0203 2101
  GS  #SPACING
       .AIRCRAFT APPROACH SPACING
  RT   ALTITUDE CONTROL
       ATTITUDE CONTROL
       CLEARANCES
       INTERVALS
       ISOLATION
       POSITIONING
     % SEPARATION
       SPACERS
       THICKNESS

SPADATS (TRACKING SYSTEM)
  USE  SPACE DETECTION AND TRACKING SYSTEM

SPAIN
  1305
  GS   NATIONS
       #SPAIN
       ..CANARY ISLANDS
  RT   ANDORRA
       EUROPE
       GIBRALTAR
       PYRENEES MOUNTAINS (EUROPE)
       SPANISH SAHARA
       SPANISH SPACE PROGRAM

SPALLATION
  2403 2405
  GS   NUCLEAR RADIATION
       #SPALLATION
       NUCLEAR REACTIONS
       #SPALLATION
  RT   PARTICLE PRODUCTION

SPALLING
  2403 2405
  RT   CHIPPING
       FLAKING
       FRACTURING
       FRAGMENTATION
       WEAR
       WEAR TESTS

% SPAN
  0202
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ASPECT RATIO
       DIMENSIONS
       LIFE SPAN
       WIDTH
       WING SPAN

SPANISH SAHARA
  1305
  RT   AFRICA
       NATIONS
       SPAIN

SPANISH SPACE PROGRAM
  3009 3409
  GS   PROGRAMS
       .SPACE PROGRAMS
       ..EUROPEAN SPACE PROGRAMS
       ..#SPANISH SPACE PROGRAM
  RT   SPAIN

SPANLOADER AIRCRAFT
  0201
  GS   TRANSPORT AIRCRAFT
       .CARGO AIRCRAFT
       .#SPANLOADER AIRCRAFT
  RT % AIRCRAFT
       SUPERCRITICAL WINGS
       SWEPT WINGS

SPANWISE BLOWING
  0102
  GS   BLOWING
       #SPANWISE BLOWING
  RT   CROSS FLOW
       EXTERNALLY BLOWN FLAPS
       JET FLOW
       LIFT AUGMENTATION
       PRESSURE DISTRIBUTION
       WING SPAN

SPAR (ROCKET)
  USE  SPACE PROCESSING APPLICATIONS
       ROCKET

SPARE PARTS
  0303 1102 3406
  RT % COMPONENTS
       DAMAGE ASSESSMENT
       DOWNTIME
       ENGINE PARTS
       INVENTORY MANAGEMENT
       LOGISTICS MANAGEMENT
       MAINTENANCE
       MODULES
       REDUNDANT COMPONENTS
       RETIREMENT FOR CAUSE

SPARK CHAMBERS
  0904 1002 2304
  GS   IONIZATION CHAMBERS
       #SPARK CHAMBERS
       MEASURING INSTRUMENTS
       .COUNTERS
       ..RADIATION COUNTERS
       ..#SPARK CHAMBERS
       .RADIATION MEASURING INSTRUMENTS
       ..RADIATION COUNTERS
       ..#SPARK CHAMBERS
  RT   BUBBLE CHAMBERS
     % CHAMBERS
       CLOUD CHAMBERS
       ELECTRIC SPARKS
       NEUTRON COUNTERS

SPARK DISCHARGES
  USE  ELECTRIC SPARKS

SPARK GAPS
  1002 2304
  GS   GAPS
       #SPARK GAPS
  RT   ARC GENERATORS
       DIELECTRICS
       ELECTRIC FIELDS
       ELECTRIC SPARKS
       ELECTRICAL FAULTS
       MULTIPACTOR DISCHARGES
       POTENTIAL GRADIENTS
       TRIGATRONS

SPARK IGNITION
  1002 2301 3301
  GS   IGNITION
       #SPARK IGNITION
  RT   COMBUSTION
       ELECTRIC IGNITION
       ELECTRIC SPARKS
       EUDIOMETERS

SPARK MACHINING
```

1504 2304
UF ELECTROEROSION
ELECTROSTATIC EROSION
GS CUTTING
#SPARK MACHINING
MACHINING
#SPARK MACHINING
RT ELECTROFORMING
EROSION
METAL CUTTING
PIERCING

SPARK PLUGS
0904 1504 3301
RT ARC GENERATORS
COMBUSTION CHAMBERS
ELECTRIC SPARKS
IGNITERS
IGNITION SYSTEMS
INTERNAL COMBUSTION ENGINES

SPARK SHADOWGRAPH PHOTOGRAPHY
USE SHADOWGRAPH PHOTOGRAPHY

SPARKS
2304 2402 3301
GS #SPARKS
.ELECTRIC SPARKS
RT IGNITION

SPARROW MISSILES
3101 3106 3401
GS MISSILES
.AIR TO AIR MISSILES
.#SPARROW MISSILES
...SPARROW 2 MISSILE
...SPARROW 3 MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

SPARROW 2 MISSILE
3101 3401
GS MISSILES
.AIR TO AIR MISSILES
..SPARROW MISSILES
..#SPARROW 2 MISSILE
RT SOLID PROPELLANT ROCKET ENGINES

SPARROW 3 MISSILE
3101 3401
GS MISSILES
.AIR TO AIR MISSILES
..SPARROW MISSILES
..#SPARROW 3 MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

SPARTAN MISSILE
3101 3106 3401
GS MISSILES
.ANTIMISSILE MISSILES
.#SPARTAN MISSILE
RT NIKE-ZEUS MISSILE
SENTINEL SYSTEM
SPRINT MISSILE
SURFACE TO AIR MISSILES

SPARTAN SATELLITES
3107 3009
GS OBSERVATORIES
.ASTRONOMICAL OBSERVATORIES
..ASTRONOMICAL SATELLITES
..#SPARTAN SATELLITES
RT ASTROPHYSICS
SOLAR PHYSICS
ULTRAVIOLET ASTRONOMY

SPAS (ESA PLATFORMS)
USE SHUTTLE PALLET SATELLITES

SPASMS
0405 0408
GS MUSCULAR FUNCTION
#SPASMS
RT CONTRACTION
INVOLUNTARY ACTIONS
MUSCLES

SPATIAL DEPENDENCIES
2308 2311 2405
GS DEPENDENCE
#SPATIAL DEPENDENCIES
RT MATHEMATICAL MODELS
% SPACE
TIME DEPENDENCE

SPATIAL DISTRIBUTION
1902 1905 3408
UF MOLIERE FORMULA
SPATIAL ISOTROPY
GS DISTRIBUTION (PROPERTY)
#SPATIAL DISTRIBUTION
..STAR DISTRIBUTION
RT ANISOTROPY
HORIZONTAL DISTRIBUTION
ION DISTRIBUTION
METEOROID CONCENTRATION
PARTICLE DENSITY (CONCENTRATION)
POSITION (LOCATION)
SATELLITE CONSTELLATIONS
STEREOCHEMISTRY
TELECONNECTIONS (METEOROLOGY)
TEMPORAL DISTRIBUTION
VERTICAL DISTRIBUTION

SPATIAL FILTERING
2306 2310
GS FILTRATION
#SPATIAL FILTERING
RT ABERRATION
ATTENUATION
AUGMENTATION
BLURRING
% FILTERS
HOLOGRAPHY
IMAGES
% NOISE
PHOTOGRAPHS
PHOTOINTERPRETATION
PLANE WAVES
RESOLUTION
SPECKLE HOLOGRAPHY

SPATIAL ISOTROPY
USE ISOTROPY
SPATIAL DISTRIBUTION

SPATIAL MARCHING
0502 3501
RT ACOUSTIC DUCTS
DUCT GEOMETRY
NUMERICAL ANALYSIS
TIME MARCHING

SPATIAL ORIENTATION
USE ATTITUDE (INCLINATION)

SPATIAL RESOLUTION
1406 3501
GS RESOLUTION
#SPATIAL RESOLUTION
RT ATMOSPHERIC CORRECTION
HIGH RESOLUTION
IMAGE PROCESSING
IMAGE RESOLUTION
IMAGING TECHNIQUES
SPECTRAL RESOLUTION
TEMPORAL RESOLUTION

SPECIES DIFFUSION
0404
GS DIFFUSION
#SPECIES DIFFUSION
RT EVOLUTION (DEVELOPMENT)
GENETICS

SPECIFIC GRAVITY

USE DENSITY (MASS/VOLUME)

SPECIFIC HEAT
0603 1408 3203
UF DEBYE TEMPERATURE
HEAT CAPACITY
GS HEAT
#SPECIFIC HEAT
THERMODYNAMIC PROPERTIES
.THERMOPHYSICAL PROPERTIES
.#SPECIFIC HEAT
RT ENTHALPY
EQUIPARTITION THEOREM
GRUNEISEN CONSTANT
HEAT BUDGET
HEAT OF FUSION
ION TEMPERATURE
LEWIS NUMBERS
MELTING POINTS
NEEL TEMPERATURE
THERMAL CONDUCTIVITY
THERMAL RESISTANCE

SPECIFIC IMPULSE
2702 2806 3106
RT IMPULSES
MASS FLOW RATE
PROPELLANT MASS RATIO
PROPELLANTS
PROPULSION SYSTEM PERFORMANCE
PROPULSIVE EFFICIENCY
ROCKET PROPELLANTS
ROCKET THRUST
THERMODYNAMIC EFFICIENCY
THRUST

SPECIFICATIONS
3406 4001
GS #SPECIFICATIONS
.AIRCRAFT SPECIFICATIONS
.EQUIPMENT SPECIFICATIONS
.FUNCTIONAL DESIGN SPECIFICATIONS
RT AIRCRAFT PERFORMANCE
COMMONALITY
DRAWINGS
INSPECTION
MAINTENANCE
% MATERIALS TESTS
MECHANICAL PROPERTIES
NAMING
PERFORMANCE TESTS
PROCESS CONTROL (INDUSTRY)
PROCUREMENT
QUALITY
QUALITY CONTROL
RELIABILITY
REQUIREMENTS
STANDARDIZATION
STANDARDS
TECHNICAL WRITING
TOLERANCES (MECHANICS)
USER REQUIREMENTS

SPECIMEN GEOMETRY
0404 0405
GS GEOMETRY
#SPECIMEN GEOMETRY
RT FATIGUE TESTS
LOAD TESTS
MECHANICAL PROPERTIES
TENSILE TESTS

SPECIMENS
0404 0405
RT MARS SURFACE SAMPLES
SAMPLES
SAMPLING

SPECKLE HOLOGRAPHY
1407 3501
GS IMAGERY
.HOLOGRAPHY
.#SPECKLE HOLOGRAPHY
IMAGING TECHNIQUES
#SPECKLE HOLOGRAPHY
PHOTOGRAPHY
.HOLOGRAPHY
.#SPECKLE HOLOGRAPHY
RT COHERENT LIGHT
DIFFRACTION PATTERNS
HOLOGRAMMETRY
HOLOGRAPHIC INTERFEROMETRY
IMAGE CORRELATORS
LASER APPLICATIONS
SCATTER PLATES (OPTICS)
SPATIAL FILTERING
SPECKLE INTERFEROMETRY
SPECKLE PATTERNS

SPECKLE INTERFEROMETRY
1405
GS INTERFEROMETRY
#SPECKLE INTERFEROMETRY
RT DIFFRACTION PATTERNS
FRESNEL DIFFRACTION
FRESNEL REFLECTORS
INFRARED INTERFEROMETERS
ISOCHROMATICS
LASER APPLICATIONS
NULL ZONES
PLASMA FLUX MEASUREMENT
SAGNAC EFFECT
SCATTER PLATES (OPTICS)
SPECKLE HOLOGRAPHY

SPECKLE PATTERNS
0710 2306 2310
RT DIFFRACTION PATTERNS
HOLOGRAPHY
LASER OUTPUTS
LIGHT SCATTERING
% PATTERNS
SPECKLE HOLOGRAPHY
SURFACE ROUGHNESS EFFECTS

SPECTRA
1411 2310 2311 2401 3001
UF OPTICAL SPECTRUM
GS #SPECTRA
.ATOMIC SPECTRA
.CONTINUOUS SPECTRA
.ENERGY SPECTRA
..ELECTRONIC SPECTRA
..NEUTRON SPECTRA
.MASS SPECTRA
.MOLECULAR SPECTRA
..ELECTRONIC SPECTRA
..RAMAN SPECTRA
..ROTATIONAL SPECTRA
..VIBRATIONAL SPECTRA
.NOISE SPECTRA
.OXYGEN SPECTRA
.PLASMA SPECTRA
.POWER SPECTRA
..CEPSTRA
.RADIATION SPECTRA
..ABSORPTION SPECTRA
...FRAUNHOFER LINES
...HERZBERG BANDS
...TELLURIC LINES
..ELECTROMAGNETIC SPECTRA
...GAMMA RAY SPECTRA
...INFRARED SPECTRA
...LINE SPECTRA
....BALMER SERIES
....D LINES
....ELECTRONIC SPECTRA
....FRAUNHOFER LINES
....H LINES
.....H ALPHA LINE
.....H BETA LINE
.....H GAMMA LINE
....K LINES
....LYMAN SPECTRA
....PASCHEN SERIES

....RYDBERG SERIES
....TELLURIC LINES
...RADIO SPECTRA
....MICROWAVE SPECTRA
...RAMAN SPECTRA
...STELLAR SPECTRA
....SOLAR SPECTRA
...UBV SPECTRA
...ULTRAVIOLET SPECTRA
...VIBRATIONAL SPECTRA
...VISIBLE SPECTRUM
...X RAY SPECTRA
..EMISSION SPECTRA
.SHOCK SPECTRA
.SPECTRAL BANDS
..ABSORPTION SPECTRA
...FRAUNHOFER LINES
...HERZBERG BANDS
...TELLURIC LINES
..PHOTOLUMINESCENT BANDS
..SCHUMANN-RUNGE BANDS
..SWAN BANDS
..VEGARD-KAPLAN BANDS
RT ASTRONOMICAL SPECTROSCOPY
COLOR
EXCITONS
FLUX DENSITY
GAMMA RAY SPECTROMETERS
ISOELECTRONIC SEQUENCE
SPECTRAL SENSITIVITY
SPECTRAL SHIFT CONTROL
SPECTRAL THEORY
SPECTROGRAMS
SPECTROGRAPHS
SPECTROMETERS
SPECTROSCOPY
SPECTRUM ANALYSIS
TRANSITION PROBABILITIES

SPECTRAL ABSORPTION
USE ABSORPTION SPECTRA

SPECTRAL ANALYSIS
USE SPECTRUM ANALYSIS

SPECTRAL BANDS
0603 1411 2306 2402 3009
GS SPECTRA
#SPECTRAL BANDS
..ABSORPTION SPECTRA
...FRAUNHOFER LINES
...HERZBERG BANDS
...TELLURIC LINES
..PHOTOLUMINESCENT BANDS
..SCHUMANN-RUNGE BANDS
..SWAN BANDS
..VEGARD-KAPLAN BANDS
RT BAND RATIOING
% BANDS
ELECTRONIC SPECTRA
ENERGY BANDS
FREQUENCIES
LINE SPECTRA
VISIBLE SPECTRUM
WHITE NOISE

SPECTRAL CORRELATION
0601 1411 2306 2309 2310 2402
GS CORRELATION
#SPECTRAL CORRELATION
RT ELECTROMAGNETIC SPECTRA
SPECTROPHOTOGRAPHY

SPECTRAL EMISSION
1411 2306 2402 2403 2903
GS EMISSION
#SPECTRAL EMISSION
RT CONTINUOUS SPECTRA
ELECTROMAGNETIC RADIATION
EMITTANCE
INCANDESCENCE
LIGHT EMISSION
LINE SPECTRA
NONGRAY GAS
% RADIATION
SPECTROGRAMS
SPECTROSCOPY
SPECTRUM ANALYSIS
SPONTANEOUS EMISSION
ULTRAVIOLET EMISSION
WAVELENGTHS

SPECTRAL ENERGY DISTRIBUTION
0601 1411 2306 2402 2903
GS DISTRIBUTION (PROPERTY)
.ENERGY DISTRIBUTION
.#SPECTRAL ENERGY DISTRIBUTION
RT % DISTRIBUTION
ELECTROMAGNETIC RADIATION
ENERGY SPECTRA
FINE STRUCTURE
LINE SPECTRA

SPECTRAL LINE WIDTH
0601 1411 2306 2402
GS BANDWIDTH
#SPECTRAL LINE WIDTH
RT LINE SPECTRA
OSCILLATOR STRENGTHS

SPECTRAL LINES
USE LINE SPECTRA

SPECTRAL METHODS
0804
RT COMPUTATIONAL FLUID DYNAMICS
DIFFERENTIAL EQUATIONS
SPECTRUM ANALYSIS

SPECTRAL NOISE
USE WHITE NOISE

SPECTRAL RECONNAISSANCE
1411 2310 2402
GS RECONNAISSANCE
#SPECTRAL RECONNAISSANCE
RT EARTH RESOURCES
ELECTROMAGNETIC SPECTRA
MULTISPECTRAL BAND SCANNERS
MULTISPECTRAL PHOTOGRAPHY
MULTISPECTRAL RADAR
PHOTORECONNAISSANCE
RADAR PHOTOGRAPHY
SATELLITE-BORNE PHOTOGRAPHY
SPECTROPHOTOGRAPHY

SPECTRAL REFLECTANCE
1411 2310 2402
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
..REFLECTANCE
..#SPECTRAL REFLECTANCE
SURFACE PROPERTIES
#SPECTRAL REFLECTANCE
RT BIDIRECTIONAL REFLECTANCE
IMAGING SPECTROMETERS
LEAF AREA INDEX
PLANT STRESS
SPECTROMETERS
SPECTROSCOPY
SPECTRUM ANALYSIS
VEGETATIVE INDEX

SPECTRAL RESOLUTION
1411 2306 2310 2402
GS RESOLUTION
#SPECTRAL RESOLUTION
RT ANALOG COMPUTERS
LINE SPECTRA
Q FACTORS
RADAR RESOLUTION
RADIOMETRIC RESOLUTION
SPATIAL RESOLUTION
SPECTRUM ANALYSIS

```
SPECTRAL SENSITIVITY
  1411
  GS    SENSITIVITY
        #SPECTRAL SENSITIVITY
  RT %  FREQUENCY RESPONSE
        INSTRUMENT ERRORS
        PHOTOTHERMAL CONVERSION
        SPECTRA

SPECTRAL SHIFT CONTROL
  2306
  RT %  CONTROL
        SPECTRA

SPECTRAL SHIFT CONTROL REACTOR
  2203 2204
  GS    NUCLEAR REACTORS
        .LIQUID COOLED REACTORS
        ..WATER COOLED REACTORS
        ...PRESSURIZED WATER REACTORS
        ...#SPECTRAL SHIFT CONTROL REACTOR
  RT %  CONTROL

SPECTRAL SIGNATURES
  0705 1411 2310 2402
  GS    SIGNATURES
        #SPECTRAL SIGNATURES
        ..MICROWAVE SIGNATURES
  RT    CEPSTRAL ANALYSIS
        CHEMICAL ANALYSIS
        CHEMICAL COMPOSITION
        CROP IDENTIFICATION
        EMISSION SPECTRA
        IDENTIFYING
        OPTICAL MEASUREMENT
        SPECTRUM ANALYSIS

SPECTRAL THEORY
  1902 1905
  RT    LYMAN SPECTRA
        SPECTRA
     %  THEORIES

SPECTROGRAMS
  1411 2402 2903
  RT    LINE SPECTRA
        SPECTRA
        SPECTRAL EMISSION
        SPECTROGRAPHS
        SPECTROPHOTOGRAPHY
        SPECTROSCOPY
        SPECTRUM ANALYSIS

SPECTROGRAPHS
  1406 1411 2311 2903 3501
  GS    #SPECTROGRAPHS
        .HIGH DISPERSION SPECTROGRAPHS
  RT    SPECTRA
        SPECTROGRAMS
        SPECTROMETERS
        SPECTROSCOPIC ANALYSIS
        SPECTROSCOPY

SPECTROHELIOGRAPHS
  1411 2902
  UF    HELIOGRAPHS
        HELIOGRAPHY
        SPECTROHELIOSCOPES
  GS    IMAGERY
        #SPECTROHELIOGRAPHS
        MEASURING INSTRUMENTS
        .RADIATION MEASURING INSTRUMENTS
        ..ACTINOMETERS
        ..#SPECTROHELIOGRAPHS
        .SPECTROMETERS
        .#SPECTROHELIOGRAPHS
        OPTICAL EQUIPMENT
        #SPECTROHELIOGRAPHS
        SOLAR INSTRUMENTS
        #SPECTROHELIOGRAPHS
  RT    BLACK AND WHITE PHOTOGRAPHY
        CORONAGRAPHS
        SOLAR SPECTROMETERS
        STARSAT TELESCOPE

SPECTROHELIOSCOPES
  USE   SPECTROHELIOGRAPHS

SPECTROMETERS
  1406 2311 1411 2903 3501
  UF    SPECTROSCOPES
  GS    MEASURING INSTRUMENTS
        #SPECTROMETERS
        ..EBERT SPECTROMETERS
        ..FABRY-PEROT SPECTROMETERS
        ..GAMMA RAY SPECTROMETERS
        ..IMAGING SPECTROMETERS
        ..INFRARED SPECTROMETERS
        ...FILTER WHEEL INFRARED
           SPECTROMETERS
        ..LASER SPECTROMETERS
        ..MASS SPECTROMETERS
        ..MICROWAVE SPECTROMETERS
        ..NEUTRON SPECTROMETERS
        ..SOLAR BACKSCATTER UV SPECTROMETER
        ..SOLAR SPECTROMETERS
        ..SPECTROHELIOGRAPHS
        ..TIME OF FLIGHT SPECTROMETERS
        ..ULTRAVIOLET SPECTROMETERS
        ...HIGH DISPERSION SPECTROGRAPHS
        ...TOTAL OZONE MAPPING SPECTROMETER
  RT    ACTINOMETERS
        CHEMICAL ANALYSIS
        DIFFRACTOMETERS
        ELECTRON PROBES
        GONIOMETERS
        INFRARED SPECTROSCOPY
        MICHELSON INTERFEROMETERS
        OPTICAL EQUIPMENT
        OPTICAL MEASUREMENT
        PHOTOGONIOMETERS
        PHOTOGRAPHIC MEASUREMENT
        PHOTOMETERS
        RADIATION COUNTERS
        SOLAR INSTRUMENTS
        SPECTRA
        SPECTRAL REFLECTANCE
        SPECTROGRAPHS
        SPECTRORADIOMETERS
        SPECTROSCOPIC ANALYSIS
        SPECTROSCOPY
        SPECTRUM ANALYSIS

SPECTROMETRY
  USE   SPECTROSCOPY

SPECTROPHOTOGRAPHY
  1407 1411 2310 3501
  GS    IMAGERY
        #SPECTROPHOTOGRAPHY
        PHOTOGRAPHY
        #SPECTROPHOTOGRAPHY
        SPECTROSCOPY
        #SPECTROPHOTOGRAPHY
  RT    BLACK AND WHITE PHOTOGRAPHY
        GROUND TRUTH
        SPECTRAL CORRELATION
        SPECTRAL RECONNAISSANCE
        SPECTROGRAMS

SPECTROPHOTOMETERS
  1411 2306 2903
  GS    MEASURING INSTRUMENTS
        .OPTICAL MEASURING INSTRUMENTS
        .#SPECTROPHOTOMETERS
        ...INFRARED SPECTROPHOTOMETERS
        ...ULTRAVIOLET SPECTROPHOTOMETERS
        .RADIATION MEASURING INSTRUMENTS
        ..ACTINOMETERS
        ..#SPECTROPHOTOMETERS
        ....INFRARED SPECTROPHOTOMETERS
        ....ULTRAVIOLET SPECTROPHOTOMETERS
        OPTICAL EQUIPMENT
        .OPTICAL MEASURING INSTRUMENTS
        .#SPECTROPHOTOMETERS
```

...INFRARED SPECTROPHOTOMETERS
...ULTRAVIOLET SPECTROPHOTOMETERS
RT CHEMICAL ANALYSIS
DUOCHROMATORS
MONOCHROMATORS
OPTICAL MEASUREMENT
PHOTOMETERS
RADIOMETERS
SPECTRORADIOMETERS
SPECTROSCOPIC ANALYSIS
SPECTROSCOPY

SPECTROPHOTOMETRY
1411 2306 2903
GS OPTICAL MEASUREMENT
.PHOTOMETRY
.#SPECTROPHOTOMETRY
...STELLAR SPECTROPHOTOMETRY
SPECTROSCOPY
#SPECTROPHOTOMETRY
..STELLAR SPECTROPHOTOMETRY
RT ASTRONOMICAL PHOTOMETRY
COLORIMETRY
IMAGING SPECTROMETERS
SPECTROSCOPIC ANALYSIS

SPECTROPHOTOVOLTAICS
0301
RT ENERGY CONVERSION EFFICIENCY
ENERGY SPECTRA
SOLAR CELLS
SOLAR COLLECTORS

SPECTROPOLARIMETERS
USE POLARIMETERS

SPECTRORADIOMETERS
1411 2306 2402 2902 2903
GS MEASURING INSTRUMENTS
.RADIATION MEASURING INSTRUMENTS
..ACTINOMETERS
...RADIOMETERS
...#SPECTRORADIOMETERS
RT SPECTROMETERS
SPECTROPHOTOMETERS

SPECTROSCOPES
USE SPECTROMETERS

SPECTROSCOPIC ANALYSIS
0601 1411
SN (FOR SPECTROSCOPIC TOOLS IN
CHEMICAL ANALYSIS)
GS CHEMICAL TESTS
.CHEMICAL ANALYSIS
.#SPECTROSCOPIC ANALYSIS
SPECTROSCOPY
#SPECTROSCOPIC ANALYSIS
RT AUGER SPECTROSCOPY
AURORAL SPECTROSCOPY
ELECTROPHOTOMETRY
FLAME SPECTROSCOPY
FRAUNHOFER LINE DISCRIMINATORS
GAS SPECTROSCOPY
INFRARED SPECTROSCOPY
LASER SPECTROSCOPY
MAGNETIC SPECTROSCOPY
MASS SPECTROSCOPY
METALLICITY
MICROANALYSIS
MOLECULAR SPECTROSCOPY
NEUTRON ACTIVATION ANALYSIS
NUCLEAR RADIATION SPECTROSCOPY
PHOTOELECTRON SPECTROSCOPY
QUALITATIVE ANALYSIS
QUANTITATIVE ANALYSIS
RAMAN SPECTROSCOPY
SPECTROGRAPHS
SPECTROMETERS
SPECTROPHOTOMETERS
SPECTROPHOTOMETRY
ULTRAVIOLET SPECTROSCOPY
VACUUM SPECTROSCOPY
X RAY SPECTROSCOPY

SPECTROSCOPIC TELESCOPES
1411 1412 3001
UF DIFFRACTION TELESCOPES
GS TELESCOPES
#SPECTROSCOPIC TELESCOPES
..MULTISPECTRAL TRACKING TELESCOPES
..STRATOSCOPE TELESCOPES
RT ASTRONOMICAL SPECTROSCOPY
REFLECTING TELESCOPES
REFRACTING TELESCOPES
STELLAR SPECTROPHOTOMETRY

SPECTROSCOPY
1411 2903
UF SPECTROMETRY
GS #SPECTROSCOPY
.ABSORPTION SPECTROSCOPY
..OPTOGALVANIC SPECTROSCOPY
.ASTRONOMICAL SPECTROSCOPY
.AUGER SPECTROSCOPY
.AURORAL SPECTROSCOPY
.ELECTRON SPECTROSCOPY
.FLAME SPECTROSCOPY
.GAS SPECTROSCOPY
.HOLOGRAPHIC SPECTROSCOPY
.INFRARED SPECTROSCOPY
.MAGNETIC SPECTROSCOPY
.MASS SPECTROSCOPY
.MOLECULAR SPECTROSCOPY
..RAMAN SPECTROSCOPY
.NUCLEAR RADIATION SPECTROSCOPY
.OPTICAL EMISSION SPECTROSCOPY
..LASER SPECTROSCOPY
.PHOTOACOUSTIC SPECTROSCOPY
.PHOTOELECTRON SPECTROSCOPY
.RADIO SPECTROSCOPY
.SECONDARY ION MASS SPECTROMETRY
.SPECTROPHOTOGRAPHY
.SPECTROPHOTOMETRY
..STELLAR SPECTROPHOTOMETRY
.SPECTROSCOPIC ANALYSIS
.ULTRASONIC SPECTROSCOPY
.ULTRAVIOLET SPECTROSCOPY
.VACUUM SPECTROSCOPY
.X RAY SPECTROSCOPY
RT CHEMICAL ANALYSIS
CINESPECTROGRAPHS
COLORIMETRY
ELECTROPHOTOMETRY
FRAUNHOFER LINE DISCRIMINATORS
ISOELECTRONIC SEQUENCE
LALLEMAND CAMERAS
% OPTICS
PHOTOMETRY
PRESSURE BROADENING
SPECTRA
SPECTRAL EMISSION
SPECTRAL REFLECTANCE
SPECTROGRAMS
SPECTROGRAPHS
SPECTROMETERS
SPECTROPHOTOMETERS
SPECTRUM ANALYSIS
TIME OF FLIGHT SPECTROMETERS
VISIBLE SPECTRUM
ZEEMAN EFFECT

SPECTRUM ANALYSIS
0601 1411 2306 2310 2402 3001
UF SPECTRAL ANALYSIS
GS #SPECTRUM ANALYSIS
.CEPSTRAL ANALYSIS
.FLAME SPECTROSCOPY
.MAXIMUM ENTROPY METHOD
RT ABSORPTION SPECTRA
% ANALYZING
EMISSION SPECTRA
FREQUENCY ANALYZERS
FREQUENCY SCANNING
GAMMA RAY SPECTROMETERS

HOLOGRAPHIC SPECTROSCOPY
HYPERFINE STRUCTURE
KRAMERS-KRONIG FORMULA
LASER SPECTROSCOPY
LINE SPECTRA
MAGNETIC RESONANCE
OPTICAL RESONANCE
SIGNAL ANALYSIS
SPECTRA
SPECTRAL EMISSION
SPECTRAL METHODS
SPECTRAL REFLECTANCE
SPECTRAL RESOLUTION
SPECTRAL SIGNATURES
SPECTROGRAMS
SPECTROMETERS
SPECTROSCOPY
STARK EFFECT
TOROIDAL DISCHARGE
ULTRASONIC SPECTROSCOPY
ULTRAVIOLET SPECTROSCOPY
ZEEMAN EFFECT

SPECULAR REFLECTION
2306 2310 2402
GS REFLECTION
#SPECULAR REFLECTION
RT DIFFUSE RADIATION
ETALONS
GLARE
MIRRORS

SPEECH
0404 0408 0410 0702
GS #SPEECH
.ARTICULATION (SPEECH)
.CONVERSATION
.PHONEMES
.PHONETICS
.TALKING
..WORDS (LANGUAGE)
...SYLLABLES
RT ACOUSTICS
AUDITORY PERCEPTION
CONSONANTS (SPEECH)
ENGLISH LANGUAGE
LANGUAGES
LECTURES
LINGUISTICS
PHONEMICS
PUBLIC SPEAKING
SEMANTICS
SENTENCES
SYNTAX
VOICE
VOICE COMMUNICATION

SPEECH BASEBAND COMPRESSION
0405
GS COMPRESSING
#SPEECH BASEBAND COMPRESSION
RT BANDWIDTH
VOCODERS
VOICE COMMUNICATION
WAVEFORMS

SPEECH DEFECTS
0405 0408
GS DEFECTS
#SPEECH DEFECTS
RT ARTICULATION (SPEECH)
PHONEMICS
PHONETICS

SPEECH DISCRIMINATION
USE SPEECH RECOGNITION

SPEECH RECOGNITION
0405 0408 2301
UF SPEECH DISCRIMINATION
GS INTELLIGIBILITY
#SPEECH RECOGNITION
RECOGNITION
#SPEECH RECOGNITION
RT CEPSTRAL ANALYSIS
PHONEMES
PHONEMICS
PHONETICS
SENSORY DISCRIMINATION
VOICE CONTROL

SPEECHES
USE LECTURES

SPEED
USE VELOCITY

SPEED CONTROL
0102 0203
UF SPEED REGULATION
RT AUTOMATIC CONTROL
% CONTROL
CONTROL EQUIPMENT
CONTROLLERS
ENGINE CONTROL
HELICOPTER CONTROL
MANUAL CONTROL
REGULATORS

SPEED INDICATORS
1402 1410 2104
UF PRESTON TUBES
SPEEDOMETERS
GS DISPLAY DEVICES
#SPEED INDICATORS
..TACHOMETERS
MEASURING INSTRUMENTS
.INDICATING INSTRUMENTS
.#SPEED INDICATORS
...TACHOMETERS
RT ACCELEROMETERS
AIRCRAFT INSTRUMENTS
ANEMOMETERS
APPROACH INDICATORS
FLIGHT INSTRUMENTS
FLOWMETERS
LANDING INSTRUMENTS
PITOT TUBES
VELOCITY MEASUREMENT

SPEED REGULATION
USE SPEED CONTROL

SPEED REGULATORS
0202 0203 2801
UF GOVERNORS
GS CONTROL EQUIPMENT
#SPEED REGULATORS
REGULATORS
#SPEED REGULATORS
RT CONTROLLERS
ENGINES

SPEEDOMETERS
USE SPEED INDICATORS

SPENT FUELS
2702
GS FUELS
.NUCLEAR FUELS
.#SPENT FUELS
RT FUEL CAPSULES
NEUTRON SOURCES
% NUCLEAR ENERGY
NUCLEAR FUEL REPROCESSING
REACTOR MATERIALS
RECYCLING

SPERMATOCYTES
USE GAMETOCYTES

SPERMATOGENESIS
0404 0405
RT ABIOGENESIS
GAMETOCYTES

```
SPERMATOZOA

SPERMATOZOA
  0402 0404
  GS   CELLS (BIOLOGY)
       .GAMETOCYTES
       .#SPERMATOZOA
  RT   FERTILIZATION
       SPERMATOGENESIS

SPERT REACTORS
  2203 2204
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..WATER COOLED REACTORS
       ...BOILING WATER REACTORS
       ...#SPERT REACTORS
       .NUCLEAR RESEARCH AND TEST REACTORS
       .#SPERT REACTORS

SPHALERITE
  USE  ZINCBLENDE

SPHERES
  1902 0102
  GS   SYMMETRICAL BODIES
       .BODIES OF REVOLUTION
       .#SPHERES
       ...CELESTIAL SPHERE
       ...CONCENTRIC SPHERES
       ...FALLING SPHERES
       ...POINCARE SPHERES
       ...ROTATING SPHERES
  RT   AERODYNAMIC CONFIGURATIONS
       ASPHERICITY
       BALLS
       CIRCLES (GEOMETRY)
       EUCLIDEAN GEOMETRY
       GEOMETRY
     % GLOBES
       GLOBULES
     % HEMISPHERES
       HEMISPHERICAL SHELLS
       MICROBALLOONS
       NODULES
       OGIVES
       SPHERICAL SHELLS
       SPHEROIDS
       SPHERULES

SPHERICAL ANTENNAS
  0701 0705 0905
  GS   ANTENNAS
       #SPHERICAL ANTENNAS
  RT   COMMUNICATION EQUIPMENT
       ELECTRONIC EQUIPMENT

SPHERICAL CAPS
  1501 3202 3203 3305
  GS   SHELLS (STRUCTURAL FORMS)
       .SPHERICAL SHELLS
       .#SPHERICAL CAPS
  RT % CAPS
       COVERINGS
       NOSE CONES
       SEALS (STOPPERS)

SPHERICAL COORDINATES
  1903 3009
  UF   CURVILINEAR COORDINATES
  GS   COORDINATES
       #SPHERICAL COORDINATES
  RT   ASTRONOMICAL COORDINATES
       CELESTIAL REFERENCE SYSTEMS
       GEOCENTRIC COORDINATES
       PLANETOCENTRIC COORDINATES
       POLAR COORDINATES
       POSITION (LOCATION)
     % REFERENCE SYSTEMS

SPHERICAL HARMONICS
  1307 1901 1902 3001 3006
  GS   ANALYSIS (MATHEMATICS)
       .COMPLEX VARIABLES
       .#SPHERICAL HARMONICS
       FUNCTIONS (MATHEMATICS)
       #SPHERICAL HARMONICS
       HARMONICS
       #SPHERICAL HARMONICS
  RT   LEGENDRE FUNCTIONS

SPHERICAL PLASMAS
  2501
  GS   PARTICLES
       .CHARGED PARTICLES
       ..ENERGETIC PARTICLES
       ...PLASMAS (PHYSICS)
       ...#SPHERICAL PLASMAS

SPHERICAL SHELLS
  0102 3202 3203
  GS   SHELLS (STRUCTURAL FORMS)
       #SPHERICAL SHELLS
       ..SPHERICAL CAPS
  RT   BODIES OF REVOLUTION
       CIRCULAR SHELLS
       HEMISPHERICAL SHELLS
       METAL SHELLS
       REINFORCED SHELLS
       ROTATING SPHERES
       SPHERES
       STRESSED-SKIN STRUCTURES
       THIN WALLED SHELLS

SPHERICAL TANKS
  2802 2806
  GS   TANKS (CONTAINERS)
       #SPHERICAL TANKS
  RT   FUEL TANKS
       PRESSURE VESSELS
       PROPELLANT TANKS
       STORAGE TANKS

SPHERICAL WAVES
  0710 1202
  RT   CYLINDRICAL WAVES
       DIFFRACTION PATHS
       DIFFRACTION PROPAGATION
       ELASTIC WAVES
       ELECTROMAGNETIC RADIATION
       HUYGENS PRINCIPLE
       PLANE WAVES
       POINT SOURCES
       THREE DIMENSIONAL FLOW
     % WAVES

SPHEROIDS
  1902
  GS   GEOMETRY
       .EUCLIDEAN GEOMETRY
       ..ANALYTIC GEOMETRY
       ..#SPHEROIDS
       ....OBLATE SPHEROIDS
       ....PROLATE SPHEROIDS
  RT   FALLING SPHERES
       GEOIDS
       SPHERES

SPHEROMAKS
  2502
  GS   NUCLEAR REACTORS
       .FUSION REACTORS
       .#SPHEROMAKS
  RT   DENSE PLASMAS
       MAGNETIC FIELD CONFIGURATIONS
       MAGNETIC MIRRORS
       PLASMA CONTROL
       PLASMA CURRENTS
     % REACTORS
       TOKAMAK DEVICES
       TOROIDAL PLASMAS

SPHERULES
  1806 2601
  GS  #SPHERULES
```

```
        .SPHERULITES
  RT    CRYSTALS
        SPHERES

SPHERULITES
  1806 2601
  GS    CRYSTALS
        .CRYSTALLITES
        .#SPHERULITES
        SPHERULES
        #SPHERULITES
  RT    CRYSTAL STRUCTURE
        MICROCRYSTALS
        MICROSTRUCTURE
        NODULES
        ROSETTE SHAPES

SPHINX
  2307 2402 2501 2502 3406 3409
  SN    (SPACE PLASMA HIGH VOLTAGE
        INTERACTION EXPERIMENTS)
  UF    SPACE PLASMA H/V INTERACTION
        EXPERIMENTS
  RT    NASA PROGRAMS
        PLASMA INTERACTION EXPERIMENT
        PLASMA-PARTICLE INTERACTIONS
        PLASMAS (PHYSICS)
      % RESEARCH PROJECTS
        SPACE PLASMAS

SPHYGMOGRAPHY
  0501 1408
  RT    ARTERIES
        BIOINSTRUMENTATION
        BLOOD PRESSURE
        HEART RATE
      % MEASUREMENT
        RECORDING INSTRUMENTS

SPICULES
  0402 0404 2902
  GS    STELLAR ACTIVITY
        .SOLAR ACTIVITY
        .#SPICULES
  RT    CHROMOSPHERE
        PHOTOSPHERE
        SOLAR ATMOSPHERE

SPIDERS
  0402
  GS    ANIMALS
        .INVERTEBRATES
        ..ARTHROPODS
        ..#SPIDERS

SPIKE ANTENNAS
  USE   MONOPOLE ANTENNAS

SPIKE NOZZLES
  0101 0102 1201 2806 2808 3501
  GS    EXHAUST NOZZLES
        #SPIKE NOZZLES
  RT    CONICAL NOZZLES
        NOZZLE GEOMETRY
      % NOZZLES
        PLUG NOZZLES
        ROCKET NOZZLES
      % SPIKES

SPIKE POTENTIALS
  0501 2304
  GS    POTENTIAL ENERGY
        .ELECTRIC POTENTIAL
        .#SPIKE POTENTIALS
  RT    BIOELECTRICITY
        DEPOLARIZATION
      % SPIKES

% SPIKES
  0101 0409 0901 1001 1002 1202 1308
  1507 3404
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    FASTENERS
        HOLDERS
        MONOPOLE ANTENNAS
        PINS
        SPIKE NOZZLES
        SPIKE POTENTIALS
        SPIKES (AERODYNAMIC CONFIGURATIONS)

SPIKES (AERODYNAMIC CONFIGURATIONS)
  0101 0102
  RT %  SPIKES
        WIND TUNNELS

SPIKING
  1507 1704
  RT    ELECTRON BEAM WELDING
        MELTING
        METAL CUTTING

SPILLING
  1502 1504 3402
  RT    DUMPING
        EMPTYING
        JETTISONING
        OIL SLICKS
        RELEASING
        SPREADING

SPIN
  0101 2102 2405
  GS    #SPIN
        .METAL SPINNING
        ..HYDROSPINNING
        .PARTICLE SPIN
        ..ELECTRON SPIN
        ..ISOTOPIC SPIN
        ..NUCLEAR SPIN
        .SPIN-ORBIT INTERACTIONS
        ..ELECTRON CAPTURE
        .SPIN-SPIN COUPLING
  RT    ANGULAR MOMENTUM
        NUCLEAR CAPTURE
      % SPINNERS
        YO-YO DEVICES

SPIN DECOUPLING
  2307 2401 2403 2405
  GS    DECOUPLING
        #SPIN DECOUPLING
  RT    PHOTOMAGNETIC EFFECTS

SPIN DYNAMICS
  2307 2308 2403 2405
  RT    AIRCRAFT SPIN
        ARTIFICIAL GRAVITY
        DYNAMIC TESTS
      % DYNAMICS
        ELECTRON SPIN
        GYRATION
        LUNAR ROTATION
        ROTATING MATTER

SPIN EXCHANGE
  2401 2404 2405
  GS    EXCHANGING
        #SPIN EXCHANGE
  RT    RESONANCE CHARGE EXCHANGE

SPIN FORGING
  USE   METAL SPINNING

SPIN GLASS
  1805
  GS    GLASS
        #SPIN GLASS
  RT    AMORPHOUS MATERIALS
        MAGNETIC PROPERTIES
        METALLIC GLASSES
        SPIN-LATTICE RELAXATION
        SUPERCONDUCTIVITY
```

```
SPIN REDUCTION
  0101 2102 2401 2403
  UF   DESPINNING
       JET DAMPING
  GS   RATES (PER TIME)
       .ACCELERATION (PHYSICS)
       ..DECELERATION
       ..#SPIN REDUCTION
  RT   ANGULAR ACCELERATION
       DESTABILIZATION
       GRAVITY GRADIENT SATELLITES
     % REDUCTION
       SATELLITE ROTATION
       YO-YO DEVICES

SPIN RESONANCE
  2307 2401 2403 2404 2405
  GS   RESONANCE
       #SPIN RESONANCE
  RT   NUCLEAR MAGNETIC RESONANCE
       PARTICLE SPIN

SPIN STABILIZATION
  0101 2102 3006 3107
  GS   STABILIZATION
       #SPIN STABILIZATION
  RT   ATTITUDE CONTROL
       DUAL SPIN SPACECRAFT
       MISSILES
       OV-1 SATELLITES
       OV-2 SATELLITES
       OV-3 SATELLITES
       OV-4 SATELLITES
       OV-5 SATELLITES
       SATELLITE ORIENTATION
       SATELLITE ROTATION
       SPACE SHUTTLE UPPER STAGE D
       SPACE STATIONS
     % SPINNERS

SPIN TEMPERATURE
  3002
  SN   (LIMITED TO ASTROPHYSICS)
  GS   TEMPERATURE
       #SPIN TEMPERATURE
  RT   ABSORPTION SPECTRA
       ASTROPHYSICS
       HYDROGEN CLOUDS
       INTERSTELLAR GAS
       INTERSTELLAR MATTER

SPIN TESTS
  1108
  UF   WHIRLING TESTS
  RT   ANGULAR MOMENTUM
       DYNAMIC TESTS
       ENVIRONMENTAL TESTS
       LOAD TESTS
       POLARIZATION (SPIN ALIGNMENT)
     % TESTS
       WHIRL TOWERS

SPIN WAVES
  USE  MAGNONS

SPIN-LATTICE RELAXATION
  2307 2309 2405 2601
  GS   MAGNETIC PROPERTIES
       .MAGNETIC RELAXATION
       .#SPIN-LATTICE RELAXATION
       RELAXATION (MECHANICS)
       #SPIN-LATTICE RELAXATION
  RT   LATTICE VIBRATIONS
       NUCLEAR MAGNETIC RESONANCE
       RELAXATION TIME
       SPIN GLASS

SPIN-ORBIT INTERACTIONS
  2307 2404 2405
  GS   NUCLEAR REACTIONS
       .NUCLEAR INTERACTIONS
       .#SPIN-ORBIT INTERACTIONS
       ...ELECTRON CAPTURE
       PARTICLE INTERACTIONS
       .NUCLEAR INTERACTIONS
       .#SPIN-ORBIT INTERACTIONS
       ...ELECTRON CAPTURE
       SPIN
       #SPIN-ORBIT INTERACTIONS
       ..ELECTRON CAPTURE
  RT % INTERACTIONS

SPIN-SPIN COUPLING
  2307 2404 2405
  GS   COUPLING
       #SPIN-SPIN COUPLING
       SPIN
       #SPIN-SPIN COUPLING
  RT   COUPLES
       CROSS RELAXATION

SPINACH
  0409 0505
  GS   FARM CROPS
       #SPINACH
       PLANTS (BOTANY)
       #SPINACH
       VEGETABLES
       #SPINACH
  RT % FOOD

SPINAL CORD
  0404 0408 0505
  GS   ANATOMY
       .NERVOUS SYSTEM
       ..CENTRAL NERVOUS SYSTEM
       ..#SPINAL CORD
  RT   BONES
       BRAIN
       NEUROGLIA
       SPINE

SPINDLES
  1504
  RT   SHAFTS (MACHINE ELEMENTS)
       SPOOLS
       WINDING

SPINE
  0404 0405
  UF   VERTEBRAL COLUMN
  GS   ANATOMY
       .MUSCULOSKELETAL SYSTEM
       ..BONES
       ..#SPINE
       ....VERTEBRAE
  RT   SCIATIC REGION
       SPINAL CORD

SPINEL
  1806 2601
  GS   MINERALS
       #SPINEL
  RT   ALUMINATES
       FERRITES
       IGNEOUS ROCKS

% SPINNERS
  0701 0901 0905 1504
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ANTENNA COMPONENTS
       FAIRINGS
       SLEWING
       SPIN
       SPIN STABILIZATION

SPINNING (METALLURGY)
  USE  METAL SPINNING

SPINNING SOLID UPPER STAGE
  3107
  GS   SPACE SHUTTLE UPPER STAGES
       #SPINNING SOLID UPPER STAGE
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```
  RT    BOOSTER ROCKET ENGINES
        UPPER STAGE ROCKET ENGINES

SPINNING UNGUIDED ROCKET TRAJECTORY
  2102 3006
  UF    SPURT (TRAJECTORIES)
  GS    TRAJECTORIES
        #SPINNING UNGUIDED ROCKET
         TRAJECTORY
  RT    EQUATIONS OF MOTION
        MISSILE TRAJECTORIES
        ROTATING BODIES
        SYMMETRICAL BODIES

SPINOR GROUPS
  1902 2403
  GS    ALGEBRA
        .LIE GROUPS
        .#SPINOR GROUPS
        GEOMETRY
        .DIFFERENTIAL GEOMETRY
        ..LIE GROUPS
        ..#SPINOR GROUPS

SPIRAL ANTENNAS
  0710 0901
  GS    ANTENNAS
        #SPIRAL ANTENNAS
        ..LOG SPIRAL ANTENNAS
  RT    ANTENNA DESIGN
        BROADBAND
        TELEMETRY

SPIRAL GALAXIES
  3001 3002
  GS    CELESTIAL BODIES
        .GALAXIES
        .#SPIRAL GALAXIES
        ...ANDROMEDA GALAXY
        ...BARRED GALAXIES
        ...MILKY WAY GALAXY
  RT    COROTATION
        DENSITY WAVE MODEL
        DISK GALAXIES
        ELLIPTICAL GALAXIES
        GALACTIC BULGE
        GALACTIC HALOS
        LOCAL GROUP (ASTRONOMY)
        MAFFEI GALAXIES
        PECULIAR GALAXIES
        RING GALAXIES
        SEYFERT GALAXIES
        VIRGO GALACTIC CLUSTER

SPIRAL WRAPPING
  1504 3203
  RT    COMPOSITE MATERIALS
        COMPOSITE WRAPPING
        ISOTENSOID STRUCTURES
        PACKAGING
     % SPIRALS
        WINDING

% SPIRALS
  1504 1902
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    CURVES (GEOMETRY)
     % HELICES
        SPIRAL WRAPPING
        SPIRALS (CONCENTRATORS)

SPIRALS (CONCENTRATORS)
  0602
  GS    CONCENTRATORS
        #SPIRALS (CONCENTRATORS)
        SEPARATORS
        #SPIRALS (CONCENTRATORS)
  RT    CLASSIFIERS
     % SPIRALS

SPIROMETERS
  0501 1203 3501
  RT    HEART MINUTE VOLUME
        LUNGS
        RESPIRATORY RATE

SPITSBERGEN (NORWAY)
  1305
  RT    ARCHIPELAGOES
        ARCTIC OCEAN
        OCEAN CURRENTS

SPLASHING
  1504 3407
  UF    SWASH
  RT    AGITATION
        SURFACE WAVES
        ULLAGE
        WATER LANDING

SPLEEN
  0405 0408
  GS    ANATOMY
        #SPLEEN
  RT    POLYCYTHEMIA

SPLICING
  0702 0902 1504 3404
  RT    FASTENERS
     % JOINING
     % TAPES
        WIRING

SPLINE FUNCTIONS
  1902
  GS    FUNCTIONS (MATHEMATICS)
        #SPLINE FUNCTIONS
  RT    APPROXIMATION
        MATRIX METHODS

SPLINES
  1504 3404
  RT    COUPLINGS
        FASTENERS
        HOLDERS

SPLINTS
  0405
  RT    BONES
        CASTS
        FIRST AID

SPLIT FLAPS
  0102 0103 0104
  GS    AIRFOILS
        .FLAPS (CONTROL SURFACES)
        .#SPLIT FLAPS
        BRAKES (FOR ARRESTING MOTION)
        .AERODYNAMIC BRAKES
        .#SPLIT FLAPS
        .AIRCRAFT BRAKES
        .#SPLIT FLAPS
        CONTROL SURFACES
        .FLAPS (CONTROL SURFACES)
        .#SPLIT FLAPS
        DRAG DEVICES
        .AERODYNAMIC BRAKES
        .#SPLIT FLAPS
  RT    JET FLAPS
        LEADING EDGE SLATS
        TRAILING EDGE FLAPS
        WING FLAPS

SPLITS (GEOLOGY)
  USE   GEOLOGICAL FAULTS

SPLITTING
  1504 2202 2401 2405 3404
  RT    CHIPPING
        CUTTING
        FISSION
        FLAKING
        FRACTURING
```

LASER CUTTING
% SEPARATION
SLICING
WATER SPLITTING

SPODUMENE
1806
GS ALUMINUM COMPOUNDS
#SPODUMENE
CHALCOGENIDES
.OXIDES
..SILICON OXIDES
..#SPODUMENE
LITHIUM COMPOUNDS
#SPODUMENE
MINERALS
#SPODUMENE
SILICON COMPOUNDS
.SILICATES
..SODIUM SILICATES
..#SPODUMENE
.SILICON OXIDES
.#SPODUMENE
SODIUM COMPOUNDS
.SODIUM SILICATES
.#SPODUMENE

SPOILER SLOT AILERONS
0102 0104 0202
GS AIRFOILS
.AILERONS
.#SPOILER SLOT AILERONS
CONTROL SURFACES
.AILERONS
.#SPOILER SLOT AILERONS
RT SPOILERS

SPOILERS
0102 0104 0202 1202
GS AIRFOILS
#SPOILERS
CONTROL SURFACES
#SPOILERS
DRAG DEVICES
#SPOILERS
RT AERODYNAMIC BRAKES
BOUNDARY LAYER CONTROL
DEFLECTORS
FLAPS (CONTROL SURFACES)
GUST ALLEVIATORS
LEADING EDGE SLATS
SPOILER SLOT AILERONS
VORTEX ALLEVIATION
WINGS

SPOKES
1504 1902 3203
RT HUBS
WHEELS

SPONGES (MATERIALS)
0402 0505
SN (ORGANIC OPEN-CELL STRUCTURES)
RT ELASTOMERS
% MATERIALS
POLYURETHANE FOAM
POROUS MATERIALS

SPONTANEOUS COMBUSTION
3301 3302
GS COMBUSTION
#SPONTANEOUS COMBUSTION
RT COMBUSTION TEMPERATURE
EXPLOSIONS
FIRE POINT
FIRE PREVENTION
FLAMMABILITY
FLASH POINT
FUEL COMBUSTION
HAZARDS
HYPERGOLIC ROCKET PROPELLANTS
IGNITION
IGNITION TEMPERATURE
PROPELLANT SENSITIVITY
PYROPHORIC MATERIALS

SPONTANEOUS EMISSION
1601 2310 2402 2502
GS EMISSION
#SPONTANEOUS EMISSION
RT ATOMIC ENERGY LEVELS
ELECTROMAGNETIC RADIATION
EMISSION SPECTRA
SPECTRAL EMISSION

SPOOLS
1504
RT % CONTAINERS
INSERTS
MAGAZINES (SUPPLY CHAMBERS)
REELS
SPINDLES

SPORADIC E LAYER
1302 3009
GS EARTH ATMOSPHERE
.UPPER ATMOSPHERE
..EARTH IONOSPHERE
...E REGION
...#SPORADIC E LAYER
REGIONS
.E REGION
.#SPORADIC E LAYER
RT E-1 LAYER
E-2 LAYER
MIDLATITUDE ATMOSPHERE

SPORADIC METEOROIDS
3005
SN (METEOROIDS NOT ASSOCIATED WITH A METEOROID SHOWER OR STREAM)
GS CELESTIAL BODIES
.METEOROIDS
.#SPORADIC METEOROIDS
RT METEOR TRAILS
METEOROID CONCENTRATION

SPORES
0404 0407 0409
GS #SPORES
.MICROSPORES
RT FUNGI
MICROORGANISMS
PLANTS (BOTANY)
PROTOZOA
TETRAD THEORY

SPORTS MEDICINE
0406
RT AEROSPACE MEDICINE
ATHLETES
CLINICAL MEDICINE
EXERCISE PHYSIOLOGY
MEDICAL SCIENCE
PHYSICAL FITNESS
PHYSIOLOGICAL EFFECTS

SPOT (FRENCH SATELLITE)
3107
GS ARTIFICIAL SATELLITES
.FRENCH SATELLITES
.#SPOT (FRENCH SATELLITE)
RT CROP IDENTIFICATION
EARTH OBSERVATIONS (FROM SPACE)
EARTH RESOURCES
LAND USE
MAPPING
SOIL MAPPING
STEREOPHOTOGRAPHY

SPOT WELDS
1507
GS JOINTS (JUNCTIONS)
.METAL JOINTS
..WELDED JOINTS

..#SPOT WELDS
RT ARC WELDING
BEADS
ELECTRIC WELDING
FUSION WELDING
PRESSURE WELDING
ULTRASONIC WELDING

SPRAY CHARACTERISTICS
1201 1202
RT % CHARACTERISTICS
SPRAYERS
SPRAYING

SPRAY CONDENSERS
1202 1203 1504
RT JET CONDENSERS
SPRAYERS

SPRAY INGESTION
1108
RT GAS TURBINES
LANDING GEAR
SALT SPRAY TESTS

SPRAY NOZZLES
1202 1203 1504
RT ANNULAR NOZZLES
CONICAL NOZZLES
FUEL INJECTION
FUEL SYSTEMS
INJECTORS
% NOZZLES
ORIFICES
SPRAYERS

SPRAYED COATINGS
1801 1802
UF SPRAYED PROTECTIVE COATINGS
GS COATINGS
#SPRAYED COATINGS
RT CERAMIC COATINGS
FINISHES
LACQUERS
METAL COATINGS
PAINTS
PLASMA SPRAYING
PLASTIC COATINGS
PRIMERS (COATINGS)
PROTECTIVE COATINGS
VARNISHES

SPRAYED PROTECTIVE COATINGS
USE PROTECTIVE COATINGS
SPRAYED COATINGS

SPRAYERS
1202 1204 1504
UF SPRAYING APPARATUS
SPRAYS
RT ATOMIZERS
BLOWERS
COLLOIDAL GENERATORS
CONTACTORS
% CONTAINERS
% DIFFUSERS
DISPENSERS
DISTRIBUTORS
DROPS (LIQUIDS)
EJECTORS
FUEL SPRAYS
% JETS
MATERIALS HANDLING
MIXERS
% NOZZLES
PROPELLANT SPRAYS
SPRAY CHARACTERISTICS
SPRAY CONDENSERS
SPRAY NOZZLES
SPRAYING
VAPORIZERS

SPRAYING
1201 1202
GS #SPRAYING
.ARC SPRAYING
.CROP DUSTING
.FLAME SPRAYING
.METAL SPRAYING
.PLASMA SPRAYING
RT AERATION
AEROSOLS
ATOMIZING
BLOWING
COATING
COATINGS
DIFFUSION
DISPERSING
ENTRAINMENT
FORMING TECHNIQUES
FUMIGATION
LIQUID ATOMIZATION
METALLIZING
MIXING
PREMIXING
SEALING
SPRAY CHARACTERISTICS
SPRAYERS
SPRINKLING
VAPORIZING
WETTING

SPRAYING APPARATUS
USE SPRAYERS

SPRAYS
USE SPRAYERS

SPREAD F
1302 2306
RT F 2 REGION
IONOSPHERIC STORMS
MAGNETIC STORMS

SPREAD REFLECTION
0710
GS REFLECTION
#SPREAD REFLECTION
RT GLARE
INFRARED REFLECTION
OPTICAL REFLECTION
SCATTERING
SIGNAL REFLECTION
ULTRAVIOLET REFLECTION
WAVE REFLECTION

SPREAD SPECTRUM TRANSMISSION
0705
GS TRANSMISSION
.ELECTROMAGNETIC WAVE TRANSMISSION
..RADIO TRANSMISSION
..#SPREAD SPECTRUM TRANSMISSION
RT COMMUNICATION
FREQUENCY HOPPING

SPREADING
1204 2306 2310
RT ADHESION
COHESION
DIFFUSION
DISPERSING
DISPOSAL
DUMPING
EMPTYING
INTERFACIAL TENSION
INTERNAL PRESSURE
MATERIALS HANDLING
SCATTERING
% SEPARATION
SPILLING
SWELLING
THROWING
UNLOADING

SPRING (SEASON)

```
  2001
  GS    SEASONS
        #SPRING (SEASON)
  RT    AUTUMN
        SUMMER
        WINTER

SPRINGS (ELASTIC)
  1504 2308
  RT % COILS
        ENERGY STORAGE
        FRAMES
        OSCILLATION DAMPERS
        OSCILLATIONS
        RESILIENCE
        SHOCK ABSORBERS
        SUSPENSION SYSTEMS (VEHICLES)
        VIBRATION ISOLATORS

SPRINGS (WATER)
  1305 1306
  GS    RESOURCES
        .EARTH RESOURCES
        .#SPRINGS (WATER)
        WATER
        #SPRINGS (WATER)
  RT    AQUIFERS
        FRESH WATER
        GROUND WATER
        INLAND WATERS
        LAKES
        OASES
        POTABLE WATER
        WATER TABLES
        WELLS

SPRINKLING
  3407
  RT    SCATTERING
        SPRAYING
        WETTING

SPRINT MISSILE
  3101 3401
  GS    MISSILES
        .ANTIMISSILE MISSILES
        .#SPRINT MISSILE
        .SURFACE TO AIR MISSILES
        .#SPRINT MISSILE
  RT    NIKE-ZEUS MISSILE
        SENTINEL SYSTEM
        SOLID PROPELLANT ROCKET ENGINES
        SPARTAN MISSILE

SPUR (REACTORS)
  USE   SPACE POWER UNIT REACTORS

SPURT (TRAJECTORIES)
  USE   SPINNING UNGUIDED ROCKET TRAJECTORY

SPUTNIK SATELLITES
  3107
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        .#SPUTNIK SATELLITES
        ...SPUTNIK 1 SATELLITE
        ...SPUTNIK 2 SATELLITE
        ...SPUTNIK 3 SATELLITE
        ...SPUTNIK 4 SATELLITE
        ...SPUTNIK 5 SATELLITE
        SOVIET SPACECRAFT
        #SPUTNIK SATELLITES
        ..SPUTNIK 1 SATELLITE
        ..SPUTNIK 2 SATELLITE
        ..SPUTNIK 3 SATELLITE
        ..SPUTNIK 4 SATELLITE
        ..SPUTNIK 5 SATELLITE

SPUTNIK 1 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .METEOROLOGICAL SATELLITES
        .#SPUTNIK 1 SATELLITE
        .SOVIET SATELLITES
        ..SPUTNIK SATELLITES
        ..#SPUTNIK 1 SATELLITE
        SOVIET SPACECRAFT
        .SPUTNIK SATELLITES
        .#SPUTNIK 1 SATELLITE

SPUTNIK 2 SATELLITE
  3107 3409
  GS    ARTIFICIAL SATELLITES
        .BIOSATELLITES
        .#SPUTNIK 2 SATELLITE
        .METEOROLOGICAL SATELLITES
        .#SPUTNIK 2 SATELLITE
        .SOVIET SATELLITES
        ..SPUTNIK SATELLITES
        ..#SPUTNIK 2 SATELLITE
        SOVIET SPACECRAFT
        .SPUTNIK SATELLITES
        .#SPUTNIK 2 SATELLITE

SPUTNIK 3 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .GEOPHYSICAL SATELLITES
        .#SPUTNIK 3 SATELLITE
        .METEOROLOGICAL SATELLITES
        .#SPUTNIK 3 SATELLITE
        .SOVIET SATELLITES
        ..SPUTNIK SATELLITES
        ..#SPUTNIK 3 SATELLITE
        SOVIET SPACECRAFT
        .SPUTNIK SATELLITES
        .#SPUTNIK 3 SATELLITE

SPUTNIK 4 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..SPUTNIK SATELLITES
        ..#SPUTNIK 4 SATELLITE
        SOVIET SPACECRAFT
        .SPUTNIK SATELLITES
        .#SPUTNIK 4 SATELLITE

SPUTNIK 5 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..SPUTNIK SATELLITES
        ..#SPUTNIK 5 SATELLITE
        SOVIET SPACECRAFT
        .SPUTNIK SATELLITES
        .#SPUTNIK 5 SATELLITE
  RT    VENUS PROBES

SPUTTERING
  0604 1002 1504 1704 2501 2502 3404
  GS   #SPUTTERING
        .MAGNETRON SPUTTERING
  RT    ARC WELDING
      % BOMBARDMENT
        DEPOSITION
        DUOPLASMATRONS
        ELECTRON BOMBARDMENT
        EMISSION
        ION PLATING
        ION SOURCES
        METAL PARTICLES
        PLASMA ETCHING
        SURFACE FINISHING
        THERMAL INSTABILITY

SPUTTERING GAGES
  0905 1002 1406
  GS    MEASURING INSTRUMENTS
        #SPUTTERING GAGES
  RT    METAL FILMS
        THIN FILMS

SQUALLS
  2001 2003
```

GS WIND (METEOROLOGY)
#SQUALLS
RT GROUND WIND
STORMS (METEOROLOGY)

SQUAMA
0402
RT FISHES

SQUARE WAVES
2304 2309 2311
GS WAVEFORMS
#SQUARE WAVES
RT FORM FACTORS
PULSE AMPLITUDE
PULSE DURATION
SAWTOOTH WAVEFORMS
TIME FUNCTIONS
WAVE FUNCTIONS
WAVE PROPAGATION
% WAVES

SQUARE WELLS
1902
RT ELECTRON MOBILITY
MAGNETIC FIELDS
PHOTOCONDUCTIVITY
VACANCIES (CRYSTAL DEFECTS)
WELLS

SQUARES (MATHEMATICS)
1902
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..POLYGONS
...TETRAGONS
...#SQUARES (MATHEMATICS)

SQUEEZE CASTING
1507 1704 3202 3407
GS FORMING TECHNIQUES
.CASTING
.#SQUEEZE CASTING
RT CAST ALLOYS
COMPRESSING
EXTRUDING
FABRICATION
FORGING
LIQUID METALS
METAL MATRIX COMPOSITES
METAL WORKING

SQUEEZE FILMS
1202
GS FLUID FILMS
#SQUEEZE FILMS
RT BOUNDARY LUBRICATION
ELASTOHYDRODYNAMICS
% FILMS
GAS BEARINGS
GAS LUBRICANTS
LIQUID-SOLID INTERFACES
LUBRICANTS
THIN FILMS
VISCOELASTICITY
VISCOUS FLUIDS

SQUEEZED STATES (QUANTUM THEORY)
2306 2310 2402
UF TWO PHOTON COHERENT STATES
RT COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
ELECTROMAGNETIC FIELDS
FLUCTUATION THEORY
LIGHT TRANSMISSION
% OPTICS
PHOTON DENSITY
QUANTUM MECHANICS
QUANTUM THEORY

SQUEEZING
USE COMPRESSING

SQUELCH CIRCUITS
0701 0702 0705 0902
GS CIRCUITS
#SQUELCH CIRCUITS
RT BACKGROUND NOISE
ELECTROMAGNETIC NOISE
NOISE REDUCTION
SILENCERS
SUPPRESSORS
SWITCHING CIRCUITS

SQUIBS
2806 2808 3301 3302
UF XM-6 SQUIB
XM-8 SQUIB
GS IGNITERS
#SQUIBS
RT ELECTRIC IGNITION
IGNITION SYSTEMS
PRIMERS (EXPLOSIVES)
SOLID PROPELLANT IGNITION
STARTERS

SQUID (DETECTORS)
1406 3501
UF SUPERCONDUCTING QUANTUM
INTERFEROMETERS
GS SUPERCONDUCTING DEVICES
#SQUID (DETECTORS)
RT % DETECTORS
JOSEPHSON JUNCTIONS
MAGNETIC MEASUREMENT
QUANTUM COUNTERS
SIS (SUPERCONDUCTORS)
SUPERCONDUCTORS

SQUID PROJECT
2805
GS PROGRAMS
.PROJECTS
.#SQUID PROJECT
RT JET PROPULSION

SQUIRRELS
0402
GS ANIMALS
.VERTEBRATES
..MAMMALS
...RODENTS
...#SQUIRRELS
.....GROUND SQUIRRELS

SR (REACTORS)
USE SATURABLE REACTORS

SR-N2 GROUND EFFECT MACHINE
USE WESTLAND GROUND EFFECT MACHINES

SR-N3 GROUND EFFECT MACHINE
USE WESTLAND GROUND EFFECT MACHINES

SR-N5 GROUND EFFECT MACHINE
USE WESTLAND GROUND EFFECT MACHINES

SR-71 AIRCRAFT
0201
UF BLACKBIRD AIRCRAFT
GS LOCKHEED AIRCRAFT
#SR-71 AIRCRAFT
RECONNAISSANCE AIRCRAFT
#SR-71 AIRCRAFT
SUPERSONIC AIRCRAFT
#SR-71 AIRCRAFT
RT % AIRCRAFT
% MILITARY AIRCRAFT

SRB (SOLID ROCKET BOOSTERS)
USE SPACE SHUTTLE BOOSTERS

SRE REACTOR
USE SODIUM REACTOR EXPERIMENT

```
SRET SATELLITES
  3107
  GS    ARTIFICIAL SATELLITES
        .FRENCH SATELLITES
        .#SRET SATELLITES
        ...SRET 1 SATELLITE
        ...SRET 2 SATELLITE
        .METEOROLOGICAL SATELLITES
        .#SRET SATELLITES
        ...SRET 1 SATELLITE
        ...SRET 2 SATELLITE
  RT    FRENCH SPACE PROGRAM

SRET 1 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .FRENCH SATELLITES
        ..SRET SATELLITES
        ..#SRET 1 SATELLITE
        .METEOROLOGICAL SATELLITES
        ..SRET SATELLITES
        ..#SRET 1 SATELLITE
  RT    FRENCH SPACE PROGRAM

SRET 2 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .FRENCH SATELLITES
        ..SRET SATELLITES
        ..#SRET 2 SATELLITE
        .METEOROLOGICAL SATELLITES
        ..SRET SATELLITES
        ..#SRET 2 SATELLITE

SRI LANKA
  1305
  UF    CEYLON
  GS    NATIONS
        #SRI LANKA
  RT    ASIA

SS-11 MISSILE
  3101 3401
  GS    MISSILES
        #SS-11 MISSILE
  RT    MULTISTAGE ROCKET VEHICLES
        SOLID PROPELLANT ROCKET ENGINES

SSGS (STANDARDIZED SPACE GUIDANCE)
  USE   STANDARDIZED SPACE GUIDANCE

SSUS-A
  USE   SPACE SHUTTLE UPPER STAGE A

SSUS-D
  USE   SPACE SHUTTLE UPPER STAGE D

ST LAWRENCE VALLEY (NORTH AMERICA)
  1305
  GS    LANDFORMS
        #ST LAWRENCE VALLEY (NORTH AMERICA)
        VALLEYS
        #ST LAWRENCE VALLEY (NORTH AMERICA)
  RT    CANADA
        MAINE
        NEW HAMPSHIRE
        NEW YORK
        VERMONT

ST LOUIS-KANSAS CITY CORRIDOR (MO)
  1305
  GS    CORRIDORS
        #ST LOUIS-KANSAS CITY CORRIDOR (MO)
  RT    MISSOURI
        REGIONAL PLANNING

ST VENANT FLEXURE PROBLEM
  USE   SAINT VENANT PRINCIPLE

STABILITY
  0101 0201 0408 2102 2311 2701 3408
  UF    INSTABILITY
  GS   #STABILITY
        .ACOUSTIC INSTABILITY
        .BAROCLINIC INSTABILITY
        .DYNAMIC STABILITY
        ..COMBUSTION STABILITY
        ...FLAME STABILITY
        ..CONTROL STABILITY
        ..FREQUENCY STABILITY
        ..MOTION STABILITY
        ...AERODYNAMIC STABILITY
        ...AIRCRAFT STABILITY
        ....HOVERING STABILITY
        ...ATTITUDE STABILITY
        ....DIRECTIONAL STABILITY
        .....GYROSCOPIC STABILITY
        ....LATERAL STABILITY
        ....LONGITUDINAL STABILITY
        ...FLOW STABILITY
        ....BOUNDARY LAYER STABILITY
        ....FLAME STABILITY
        ....MAGNETOHYDRODYNAMIC STABILITY
        .....WEIBEL INSTABILITY
        ...LOW SPEED STABILITY
        ...ROTARY STABILITY
        ....GYROSCOPIC STABILITY
        ...SPACECRAFT STABILITY
        .GOERTLER INSTABILITY
        .MAGNETOSPHERIC INSTABILITY
        .PHASE STABILITY (MATERIALS)
        .STATIC STABILITY
        ..DIMENSIONAL STABILITY
        ...STRUCTURAL STABILITY
        ....SHELL STABILITY
        .STORAGE STABILITY
        .SURFACE STABILITY
        .SYSTEMS STABILITY
        .THERMAL STABILITY
  RT    AMPLIFICATION
        BALLAST (MASS)
        COMPATIBILITY
        CONTROLLABILITY
      % DRIFT
        DRIFT RATE
        DURABILITY
        DYNAMIC CHARACTERISTICS
        EQUATIONS OF MOTION
      % EQUILIBRIUM
        METASTABLE STATE
        QUALITY
        RELIABILITY
      % RESISTANCE
        SAFETY FACTORS
        SPACECRAFT MOTION
        STABILIZERS (AGENTS)
        STEADY STATE
        TOLERANCES (MECHANICS)
        TRESCA FLOW
        UNITY
        UNSTEADY STATE
        VARIABILITY
        VLASOV EQUATIONS
        VULNERABILITY

STABILITY AUGMENTATION
  3407
  GS    AUGMENTATION
        #STABILITY AUGMENTATION
  RT    AERODYNAMIC STABILITY
        AIRCRAFT CONTROL
        ATTITUDE (INCLINATION)
        AUTOMATIC CONTROL
        CONTROL STABILITY
        DIRECTIONAL STABILITY
        FEEDBACK CONTROL
        FLIGHT CONTROL
        LATERAL OSCILLATION
        PITCH (INCLINATION)

STABILITY DERIVATIVES
  0101 0104 1902 2308
  UF    AERODYNAMIC MOMENTS
  GS    MOMENTS
        #STABILITY DERIVATIVES
```

..PITCHING MOMENTS
..ROLLING MOMENTS
..YAWING MOMENTS
RT COMPLEX VARIABLES
DAMPING
DIFFERENTIAL EQUATIONS
MOMENTS OF INERTIA
REAL VARIABLES
VECTOR ANALYSIS

STABILITY TESTS
1108 1110 2702
GS #STABILITY TESTS
.FLIGHT STABILITY TESTS
.WIND TUNNEL STABILITY TESTS
RT CORROSION TESTS
DAMPING TESTS
ELECTRONIC EQUIPMENT TESTS
FLIGHT TESTS
FUEL TESTS
GROUND TESTS
MISSILE TESTS
PROPELLANT TESTS
RESONANCE TESTING
% TESTS
VIBRATION TESTS

STABILIZATION
3407
UF MISSILE STABILIZATION
GS #STABILIZATION
.SIGNAL STABILIZATION
.SPIN STABILIZATION
.THREE AXIS STABILIZATION
RT ACID BASE EQUILIBRIUM
BALANCING
CONSOLIDATION
% CONTROL
% EQUILIBRIUM
HEAT TREATMENT
HORIZONTAL ORIENTATION
LASER GYROSCOPES
PHASE STABILITY (MATERIALS)
STABILIZERS (AGENTS)
STRESS RELIEVING
VERTICAL ORIENTATION

STABILIZED PLATFORMS
1403 1410 2102
RT GIMBALS
GYROSCOPIC STABILITY
GYROSTABILIZERS
INERTIAL GUIDANCE
% PLATFORMS
THREE AXIS STABILIZATION

% STABILIZERS
0104 0202 1402 1403 1410
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT GYROSCOPES
SEA KEEPING
STABILIZERS (AGENTS)
STABILIZERS (FLUID DYNAMICS)

STABILIZERS (AGENTS)
0602 3404
RT ADDITIVES
% AGENTS
ANTICOAGULANTS
ANTIOXIDANTS
NEUTRALIZERS
PRESERVATIVES
RETARDANTS
STABILITY
STABILIZATION
% STABILIZERS

STABILIZERS (FLUID DYNAMICS)
0104 0202 1202
UF HORIZONTAL STABILIZERS
VERTICAL STABILIZERS
VERTICAL TAILS
GS #STABILIZERS (FLUID DYNAMICS)
.HORIZONTAL TAIL SURFACES
RT AERIAL RUDDERS
AIRFOILS
CONTROL SURFACES
% DYNAMICS
ELEVATORS (CONTROL SURFACES)
FINS
KEELS
RUDDERS
% STABILIZERS
SWEPTBACK TAIL SURFACES
T TAIL SURFACES
TABS (CONTROL SURFACES)
TAIL ASSEMBLIES
TAIL SURFACES
TRAPEZOIDAL TAIL SURFACES

STABLE OSCILLATIONS
0101 0710 1002 2309
GS OSCILLATIONS
#STABLE OSCILLATIONS
RT DYNAMIC STABILITY
FREQUENCY PULLING
FREQUENCY STABILITY
GYROSCOPIC STABILITY
MOTION STABILITY
NONSTABILIZED OSCILLATION
PILOT INDUCED OSCILLATION
RESONANT VIBRATION
TRANSVERSE OSCILLATION
UNDAMPED OSCILLATIONS
WING OSCILLATIONS

STACKING FAULT ENERGY
2601 3203
RT CRYSTAL DEFECTS
% ENERGY
TWINNING

STACKING FAULTS
USE CRYSTAL DEFECTS

STACKS
2401 2601
RT CHIMNEYS
CRYSTAL DEFECTS
MATERIALS HANDLING

STADAN (SATELLITE TRACKING NETWORK)
USE STDN (NETWORK)

STADIMETERS
1406
GS MEASURING INSTRUMENTS
.DISTANCE MEASURING EQUIPMENT
.#STADIMETERS
RT RANGE FINDERS
SEXTANTS

STAGE SEPARATION
2802 2806 3106
UF STAGING (ROCKETS)
RT BOOSTER ROCKET ENGINES
EXPENDABLE STAGES (SPACECRAFT)
INTERIM STAGES (SPACECRAFT)
LUNAR MODULE ASCENT STAGE
MISSILES
MULTISTAGE ROCKET VEHICLES
PROPELLANT MASS RATIO
ROCKET VEHICLES
% SEPARATION
SPACE SHUTTLE ASCENT STAGE
SUSTAINER ROCKET ENGINES
THRUST TERMINATION
UPPER STAGE ROCKET ENGINES

STAGGERING
0101 0702 0703 3203
RT % CONFIGURATIONS
DISORIENTATION

```
STAGING (ROCKETS)
  USE  STAGE SEPARATION

STAGNATION FLOW
  0101 1202 1203
  GS   FLUID FLOW
       .INVISCID FLOW
       .#STAGNATION FLOW
  RT   BOUNDARY LAYER FLOW
       BOUNDARY LAYER SEPARATION
       COMPRESSIBLE FLOW
       STAGNATION POINT

STAGNATION POINT
  0101 1202 1203
  UF   STAGNATION REGION
  RT   BLUNT BODIES
       BOUNDARY LAYER FLOW
       FLOW DISTRIBUTION
       FLUID DYNAMICS
       HEAT TRANSFER
       STAGNATION FLOW

STAGNATION PRESSURE
  1202 1203 1408 2502 3501
  GS   PRESSURE
       #STAGNATION PRESSURE
  RT   COMPRESSIBLE FLOW
       INLET PRESSURE

STAGNATION REGION
  USE  STAGNATION POINT

STAGNATION TEMPERATURE
  1202 1203 1408 3501
  GS   TEMPERATURE
       #STAGNATION TEMPERATURE
  RT   ADIABATIC FLOW
       COMPRESSIBLE FLOW
       INVISCID FLOW

STAINING
  0404 0405 0601
  RT   CHEMICAL TESTS
       DISCOLORATION
       MARKING
       METHYLENE
       METHYLENE BLUE

STAINLESS STEELS
  1701 1704
  GS   ALLOYS
       .IRON ALLOYS
       ..STEELS
       ..#STAINLESS STEELS
       ....AUSTENITIC STAINLESS STEELS
       ....FERRITIC STAINLESS STEELS
       ....MARTENSITIC STAINLESS STEELS
  RT   CHROMIUM ALLOYS
       MARAGING STEELS
       MOLYBDENUM ALLOYS
       NICKEL ALLOYS
       NICKEL STEELS

STAIRCASES
  USE  STAIRWAYS

STAIRSTEPS
  1305
  RT   BACKWARD FACING STEPS
       FORMATIONS
     % STEPS
       TOPOGRAPHY

STAIRWAYS
  0506 1102 1103
  UF   STAIRCASES
  RT   BUILDINGS
       ESCALATORS
       LADDERS
       TREADS

% STALLING
  0102 0104 1202 1203
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   AERODYNAMIC STALLING
       BOUNDARY LAYER SEPARATION
       ENGINE FAILURE

STAMPING
  1504 1704
  SN   (EXCLUDES IDENTIFICATION MARKING)
  GS   FORMING TECHNIQUES
       .PRESSING (FORMING)
       .#STAMPING
  RT % BLANKING
       BLANKING (CUTTING)
       COINING
       COLD WORKING
       DIES
       DIMPLING
       FORGING
       HOT ISOSTATIC PRESSING
       HOT PRESSING
       METAL WORKING
       PUNCHES
       SHEARING
       SWAGING
       UPSETTING

STANDARD ATMOSPHERES
  USE  REFERENCE ATMOSPHERES

STANDARD DEVIATION
  1902 1905
  GS   MOMENTS
       .DISTRIBUTION MOMENTS
       .#STANDARD DEVIATION
       STATISTICAL ANALYSIS
       #STANDARD DEVIATION
  RT   CONFIDENCE LIMITS
       ESTIMATING
       HETEROGENEITY
       QUALITY CONTROL
       RANGE (EXTREMES)
       VARIABILITY
       VARIANCE (STATISTICS)

STANDARD LAUNCH VEHICLE 3
  USE  ATLAS SLV-3 LAUNCH VEHICLE

STANDARD LAUNCH VEHICLE 5
  3103 3110
  GS   LAUNCH VEHICLES
       .STANDARD LAUNCH VEHICLES
       .#STANDARD LAUNCH VEHICLE 5
       ROCKET VEHICLES
       .STANDARD LAUNCH VEHICLES
       .#STANDARD LAUNCH VEHICLE 5

STANDARD LAUNCH VEHICLES
  3103 3110
  UF   SLV
  GS   LAUNCH VEHICLES
       #STANDARD LAUNCH VEHICLES
       ..ATLAS SLV-3 LAUNCH VEHICLE
       ..STANDARD LAUNCH VEHICLE 5
       ROCKET VEHICLES
       #STANDARD LAUNCH VEHICLES
       ..ATLAS SLV-3 LAUNCH VEHICLE
       ..STANDARD LAUNCH VEHICLE 5
  RT   ATLAS D ICBM
     % VEHICLES

STANDARDIZATION
  1505 3407
  GS  #STANDARDIZATION
       .COMMONALITY
  RT   CALIBRATING
       METRICATION
       NAMING
       NUMERICAL CONTROL
```

PRODUCT DEVELOPMENT
PRODUCTION ENGINEERING
QUALITY CONTROL
SPECIFICATIONS
STANDARDS
VARIABILITY

STANDARDIZED SPACE GUIDANCE
3110
UF SSGS (STANDARDIZED SPACE GUIDANCE)
GS GUIDANCE (MOTION)
#STANDARDIZED SPACE GUIDANCE
RT SPACE NAVIGATION

STANDARDS
1505 3406
UF REFERENCES (STANDARDS)
GS #STANDARDS
.FREQUENCY STANDARDS
.REFERENCE ATMOSPHERES
RT ACCEPTABILITY
ACCURACY
CALIBRATING
% CODES
CONVENTIONS
CRITERIA
INSPECTION
% MEASUREMENT
% MEASURES
METROLOGY
% PERFORMANCE
PERFORMANCE TESTS
QUALITY CONTROL
RELIABILITY
SAMPLING
SPECIFICATIONS
STANDARDIZATION
TEMPERATURE SCALES
TOLERANCES (MECHANICS)
VALIDITY
VALUE ENGINEERING

STANDING WAVE RATIOS
0710 1202 2301 2309
GS RATIOS
#STANDING WAVE RATIOS
RT AMPLITUDES
ELECTRICAL PROPERTIES
SMITH CHART
TRANSMISSION LINES

STANDING WAVES
0710 1202 2301 2309
RT ANTINODES
BEAT FREQUENCIES
FREQUENCIES
HARMONICS
NODES (STANDING WAVES)
% RADIATION
RESONANT FREQUENCIES
VIBRATION
WAVELENGTHS
% WAVES

STANDS
USE SUPPORTS

STANNATES
0603 1704 1804
GS TIN COMPOUNDS
#STANNATES
RT % OXYGEN COMPOUNDS

STANNIDES
0603 1804
GS TIN COMPOUNDS
#STANNIDES
..NIOBIUM STANNIDES
RT TIN ALLOYS

STANTON NUMBER
1202 1203 3303 3304 3501
GS RATIOS
.DIMENSIONLESS NUMBERS
.#STANTON NUMBER
RT FORCED CONVECTION
HEAT TRANSFER

STAPHYLOCOCCUS
0407 0412
GS MICROORGANISMS
.BACTERIA
.#STAPHYLOCOCCUS
RT PLEUROTIN

STAR CATALOGS
USE ASTRONOMICAL CATALOGS

STAR CLUSTERS
3001 3003
GS CELESTIAL BODIES
#STAR CLUSTERS
..GLOBULAR CLUSTERS
..OPEN CLUSTERS
...PLEIADES CLUSTER
...PRAESEPE STAR CLUSTERS
RT BARRED GALAXIES
BINARY STARS
% CLUSTERS
COLOR-MAGNITUDE DIAGRAM
DISK GALAXIES
ELLIPTICAL GALAXIES
GALACTIC CLUSTERS
GALAXIES
IRREGULAR GALAXIES
MAGELLANIC CLOUDS
METALLICITY
SOLAR NEIGHBORHOOD
STARS
STELLAR SYSTEMS
VIRGO GALACTIC CLUSTER

STAR DISTRIBUTION
1412 3001
UF STAR FIELDS
STELLAR FIELDS
GS DISTRIBUTION (PROPERTY)
.SPATIAL DISTRIBUTION
.#STAR DISTRIBUTION
.VERTICAL DISTRIBUTION
.#STAR DISTRIBUTION
RT ANGULAR DISTRIBUTION
ASTROLABES
BARRED GALAXIES
COSMOLOGY
GALACTIC CLUSTERS
GALACTIC EVOLUTION
GALACTIC HALOS
GLOBULAR CLUSTERS
MASS DISTRIBUTION
RADIAL DISTRIBUTION
STAR FORMATION
STELLAR SYSTEMS
VIRGO GALACTIC CLUSTER

STAR FIELDS
USE STAR DISTRIBUTION

STAR FORMATION
3002
GS EVOLUTION (DEVELOPMENT)
.STELLAR EVOLUTION
.#STAR FORMATION
RT ASTROPHYSICS
COOLING FLOWS (ASTROPHYSICS)
COSMOLOGY
EARLY STARS
HYDROGEN CLOUDS
INTERSTELLAR GAS
INTERSTELLAR MATTER
MOLECULAR CLOUDS
NEBULAE
NUCLEAR FUSION
PRE-MAIN SEQUENCE STARS
PROTOSTARS

```
      STAR DISTRIBUTION
      STAR FORMATION RATE
      STARBURST GALAXIES
      STARS
      STELLAR MASS ACCRETION
      T TAURI STARS

STAR FORMATION RATE
  3002
  RT  GALACTIC EVOLUTION
      GALAXIES
      STAR FORMATION
      STARBURST GALAXIES
      STELLAR EVOLUTION

STAR TRACKERS
  1410 1412 2102 2104
  UF  STAR TRACKING
  GS  TRACKING (POSITION)
      #STAR TRACKERS
      ..CCD STAR TRACKER
  RT  ASTROGUIDE NAVIGATION SYSTEM
      ASTROLABES
      ATTITUDE CONTROL
      CELESTIAL NAVIGATION
      CHARGE INJECTION DEVICES
      FLIGHT INSTRUMENTS
      GUIDANCE SENSORS
      INERTIAL NAVIGATION
      MISSILE CONTROL
      NAVIGATION
      NAVIGATION AIDS
      NAVIGATION INSTRUMENTS
      SOLAR SENSORS
      SPACECRAFT GUIDANCE

STAR TRACKING
  USE  STAR TRACKERS

STARBURST GALAXIES
  3001 3009
  GS  CELESTIAL BODIES
      .GALAXIES
      .#STARBURST GALAXIES
  RT  GALACTIC NUCLEI
      STAR FORMATION
      STAR FORMATION RATE

STARCHES
  0403 0505
  GS  ORGANIC COMPOUNDS
      .CARBOHYDRATES
      ..POLYSACCHARIDES
      ..#STARCHES
  RT  CHITIN
    % FOOD
      SIZING MATERIALS

STARFIGHTER AIRCRAFT
  USE  F-104 AIRCRAFT

STARK EFFECT
  0605 1411 2304
  RT % EFFECTS
       ELECTRIC FIELDS
       ELECTRO-OPTICS
       HYDROGEN PLASMA
       LINE SPECTRA
       RESOLUTION
       SPECTRUM ANALYSIS
       ZEEMAN EFFECT

STARLAB
  3107 3001
  UF  SPACELAB UV-OPTICAL TELESCOPE
      FACILITY
  GS  TELESCOPES
      .SPACEBORNE TELESCOPES
      .#STARLAB
      .ULTRAVIOLET TELESCOPES
      .#STARLAB
  RT % OPTICS
       SPACE SHUTTLE PAYLOADS
       SPACELAB

STARLIFTER AIRCRAFT
  USE  C-141 AIRCRAFT

STARPROBE MISSION
  3001 3009 3108 3409
  GS  PROGRAMS
      .NASA PROGRAMS
      ..NASA SPACE PROGRAMS
      ..#STARPROBE MISSION
      .SPACE PROGRAMS
      ..NASA SPACE PROGRAMS
      ..#STARPROBE MISSION
      SPACE MISSIONS
      #STARPROBE MISSION
  RT  STARPROBE SPACECRAFT

STARPROBE SPACECRAFT
  3001 3009 3108 3409
  GS  UNMANNED SPACECRAFT
      .SPACE PROBES
      ..SOLAR PROBES
      ..#STARPROBE SPACECRAFT
  RT  STARPROBE MISSION

STARQUAKES
  3001 3002
  RT  GAMMA RAY BURSTS
      NEUTRON STARS
      PULSARS
      STARS
      STELLAR ACTIVITY
      STELLAR PHYSICS
      STELLAR ROTATION
      STELLAR STRUCTURE

STARS
  3001 3009
  GS  CELESTIAL BODIES
      #STARS
      ..BLACK HOLES (ASTRONOMY)
      ..BROWN DWARF STARS
      ..DOUBLE STARS
      ...BINARY STARS
      ....CATACLYSMIC VARIABLES
      ....COMPANION STARS
      .....NEMESIS (STAR)
      ....ECLIPSING BINARY STARS
      .....DWARF NOVAE
      .....LAMBDA TAURI STARS
      .....ZETA AURIGAE STAR
      ....SIGMA ORIONIS
      ....SYMBIOTIC STARS
      ....X RAY BINARIES
      ..EARLY STARS
      ...HOT STARS
      ....A STARS
      ....B STARS
      .....SIGMA ORIONIS
      ....BLUE STARS
      ....O STARS
      ....WHITE DWARF STARS
      ....WOLF-RAYET STARS
      ..F STARS
      ..G STARS
      ...SUN
      ..GIANT STARS
      ...ASYMPTOTIC GIANT BRANCH STARS
      ...OMICRON CETI STAR
      ...RED GIANT STARS
      ....CARBON STARS
      ..HORIZONTAL BRANCH STARS
      ..INFRARED STARS
      ..LATE STARS
      ...COOL STARS
      ....CARBON STARS
      ....FLARE STARS
      ....K STARS
      ....M STARS
      .....VAN BIESBROECK STAR
      ....MIRA VARIABLES
```

.....OMICRON CETI STAR
....S STARS
..MAGNETIC STARS
..MAIN SEQUENCE STARS
...DWARF STARS
....DWARF NOVAE
....FLARE STARS
....RED DWARF STARS
...SUN
..MASSIVE STARS
..METALLIC STARS
..NEUTRON STARS
...PULSARS
..PECULIAR STARS
...SHELL STARS
...SIGMA ORIONIS
...SYMBIOTIC STARS
..PRAESEPE STAR CLUSTERS
..PROTOSTARS
...PRE-MAIN SEQUENCE STARS
....T TAURI STARS
..RADIO STARS
...PULSARS
..REFERENCE STARS
..SUBDWARF STARS
..SUBGIANT STARS
..SUPERGIANT STARS
...R CORONAE BOREALIS STARS
..SUPERMASSIVE STARS
..TRIPLE STARS
..VARIABLE STARS
...CATACLYSMIC VARIABLES
...CEPHEID VARIABLES
...FLARE STARS
...IRREGULAR VARIABLE STARS
....R CORONAE BOREALIS STARS
...LAMBDA TAURI STARS
...MIRA VARIABLES
....OMICRON CETI STAR
...NOVAE
....DWARF NOVAE
....HERCULES NOVA
...SEMIREGULAR VARIABLE STARS
...SUPERNOVAE
....SUPERNOVA 1987A
...SYMBIOTIC STARS
...T TAURI STARS
..WHITE HOLES (ASTRONOMY)
..X RAY STARS
...X RAY BINARIES
RT ARIES CONSTELLATION
ASTROLABES
BARRED GALAXIES
CASSIOPEIA CONSTELLATION
CELESTIAL MECHANICS
CENTAURUS CONSTELLATION
CONSTELLATIONS
CORONA BOREALIS CONSTELLATION
CYGNUS CONSTELLATION
FAINT OBJECTS
GALAXIES
IRREGULAR GALAXIES
LYRA CONSTELLATION
MAGELLANIC CLOUDS
METALLICITY
MILKY WAY GALAXY
QUASARS
SOLAR NEIGHBORHOOD
STAR CLUSTERS
STAR FORMATION
STARQUAKES
STARSPOTS
STELLAR ACTIVITY
STELLAR COMPOSITION
STELLAR CORES
STELLAR GRAVITATION
STELLAR INTERIORS
STELLAR MAGNITUDE
STELLAR OSCILLATIONS
VIRGO GALACTIC CLUSTER

STARS (MATHEMATICS)
1902
RT % MATHEMATICS

STARSAT TELESCOPE
3107 3001
GS TELESCOPES
.REFLECTING TELESCOPES
.#STARSAT TELESCOPE
.SPACEBORNE TELESCOPES
.#STARSAT TELESCOPE
RT CORONAGRAPHS
SPACEBORNE ASTRONOMY
SPECTROHELIOGRAPHS
ULTRAVIOLET ASTRONOMY

STARSITE PROGRAM
1301 1308 3402 3404 3405 3403 3406
GS PROGRAMS
#STARSITE PROGRAM
RT ARCHITECTURE
BUILDINGS
COMMUNITIES
CONFERENCES
CONSTRUCTION
DECISION MAKING
% DEVELOPMENT
ENVIRONMENTAL ENGINEERING
INFORMATION RETRIEVAL
LAND USE
MANAGEMENT METHODS
NASA PROGRAMS
PLANNING
RECREATION
SHELTERS
SOCIAL FACTORS
TECHNOLOGY TRANSFER
URBAN DEVELOPMENT
URBAN PLANNING

STARSPOTS
3001
GS STELLAR ACTIVITY
#STARSPOTS
..SUNSPOTS
RT FACULAE
MAGNETIC DISTURBANCES
PHOTOSPHERE
SOLAR ACTIVITY
STARS
STELLAR ATMOSPHERES
STELLAR LUMINOSITY
STELLAR MAGNETIC FIELDS
STELLAR RADIATION
SUNSPOT CYCLE
TWENTY-SEVEN DAY VARIATION

STARTERS
2806 2808 3301
GS #STARTERS
.ENGINE STARTERS
RT ACTUATORS
IGNITION SYSTEMS
SQUIBS
STARTING

STARTING
2808 3102 3301
GS #STARTING
.AIR START
RT ACTIVATION
ACTUATION
CYCLES
ELECTRIC IGNITION
ENGINE PRIMERS
EXCITATION
FIRING (IGNITING)
IGNITION
INITIATION
LAUNCHING
% PRIMING
REACTOR STARTUP TESTS
STARTERS
STIMULATION

```
STATE EQUATIONS
  USE  EQUATIONS OF STATE

STATE ESTIMATION
  1901
  RT   ALGORITHMS
       KALMAN FILTERS
       LINEAR SYSTEMS
       ORBITAL POSITION ESTIMATION
       STATE VECTORS
       STOCHASTIC PROCESSES

STATE VECTORS
  2308 2311
  GS   ALGEBRA
       .VECTOR SPACES
       ..VECTORS (MATHEMATICS)
       ..#STATE VECTORS
  RT   OBSERVABILITY (SYSTEMS)
       PHASE-SPACE INTEGRAL
       STATE ESTIMATION
       STEADY STATE
       STRANGE ATTRACTORS

STATIC AERODYNAMIC CHARACTERISTICS
  0101 0102 2308
  GS   AERODYNAMIC CHARACTERISTICS
       #STATIC AERODYNAMIC CHARACTERISTICS
       STATIC CHARACTERISTICS
       #STATIC AERODYNAMIC CHARACTERISTICS
  RT   AERODYNAMIC BALANCE
       AERODYNAMIC STABILITY
     % CHARACTERISTICS

STATIC ALTERNATORS
  0902 0904 2304
  GS   ELECTRIC GENERATORS
       .AC GENERATORS
       .#STATIC ALTERNATORS

STATIC CHARACTERISTICS
  3408
  SN   (EXCLUDES STATICS)
  GS  #STATIC CHARACTERISTICS
       .STATIC AERODYNAMIC CHARACTERISTICS
  RT   STATIC LOADS
       STATIC STABILITY
       STATIC TESTS

STATIC DEFORMATION
  2308 3203
  GS   DEFORMATION
       #STATIC DEFORMATION
  RT   CREEP PROPERTIES
       MAXWELL-MOHR METHOD
       SAINT VENANT PRINCIPLE

STATIC DISCHARGERS
  2304
  UF   ANTISTATIC DEVICES
  GS   DISCHARGERS
       #STATIC DISCHARGERS

STATIC ELECTRICITY
  1301 2003 2304
  GS   ELECTRICITY
       #STATIC ELECTRICITY
  RT   ATMOSPHERIC ELECTRICITY
       ATMOSPHERICS
       ELECTRIC CORONA
       ELECTRIC FIELDS
       ELECTRIC POTENTIAL
       ELECTRIC SPARKS
       ELECTROSTATIC CHARGE
       ELECTROSTATICS
       LIGHTNING
       OPEN CIRCUIT VOLTAGE
       SPACE CHARGE

STATIC FIRING
  1108 2808 3106 3501
  GS   CAPTIVE TESTS
       .STATIC TESTS
       .#STATIC FIRING
       ENGINE TESTS
       #STATIC FIRING
       FIRING (IGNITING)
       .TEST FIRING
       .#STATIC FIRING
       GROUND TESTS
       .PRELAUNCH TESTS
       .#STATIC FIRING
  RT   ROCKET FIRING

STATIC FRICTION
  1503 2308
  GS   FRICTION
       #STATIC FRICTION
  RT   COEFFICIENT OF FRICTION
       DRY FRICTION
       FRICTION MEASUREMENT
       KINETIC FRICTION
       SLIDING
       SLIDING FRICTION

STATIC INVERTERS
  0902 0905
  GS   INVERTERS
       #STATIC INVERTERS
  RT   ELECTRIC GENERATORS

STATIC LOADS
  2308 3203
  UF   DEADWEIGHT
  GS   LOADS (FORCES)
       #STATIC LOADS
  RT   AERODYNAMIC LOADS
       AXIAL COMPRESSION LOADS
       AXIAL LOADS
       BALLAST (MASS)
       BENDING MOMENTS
       COMPRESSION LOADS
       CRITICAL LOADING
       DYNAMIC LOADS
       EDGE LOADING
       LOADING MOMENTS
       MASS DISTRIBUTION
       MOMENT DISTRIBUTION
       PRESSURE DISTRIBUTION
       RANDOM LOADS
       SAINT VENANT PRINCIPLE
       STATIC CHARACTERISTICS
       STRUCTURAL DESIGN CRITERIA
       TRANSVERSE LOADS
       WING LOADING

STATIC MODELS
  1108
  GS   MODELS
       #STATIC MODELS
  RT   APPROXIMATION
       DYNAMIC MODELS
       OPTIMIZATION

STATIC PRESSURE
  1202 1203 1408 2308 3501
  GS   PRESSURE
       #STATIC PRESSURE
       ..HYDROSTATIC PRESSURE
  RT   ISOSTATIC PRESSURE
       PITOT TUBES
       SOUND PRESSURE

STATIC STABILITY
  0101 0102 2308
  GS   STABILITY
       #STATIC STABILITY
       ..DIMENSIONAL STABILITY
       ...STRUCTURAL STABILITY
       ....SHELL STABILITY
  RT   AIRCRAFT STABILITY
       COUNTERBALANCES
       DRIFT (INSTRUMENTATION)
       DYNAMIC STABILITY
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```
        MAGNETOHYDROSTATICS
        STATIC CHARACTERISTICS
        STORAGE STABILITY
        STRATIFICATION
        SURFACE STABILITY

STATIC TESTS
  1108 2808 3106 3501
  SN    (ENCOMPASSES MATERIALS, ENGINE,
        AND VEHICLE TESTS)
  GS    CAPTIVE TESTS
        #STATIC TESTS
        ..STATIC FIRING
  RT    COLD FLOW TESTS
        COMPRESSION TESTS
        CREEP TESTS
        DYNAMIC TESTS
        ENGINE TESTS
        FATIGUE TESTS
        GROUND TESTS
        HARDNESS TESTS
        INSPECTION
        LOAD TESTS
      % MATERIALS TESTS
        MISSILE TESTS
        NONDESTRUCTIVE TESTS
        PREFIRING TESTS
        PRELAUNCH TESTS
        QUALITY CONTROL
        RESONANCE TESTING
        STATIC CHARACTERISTICS
        TENSILE TESTS
        TEST FIRING
      % TESTS
        VIBRATION TESTS
        WEAR TESTS

STATIC THRUST
  0101 2308 2808
  GS    THRUST
        #STATIC THRUST
  RT    JET THRUST
        ROCKET THRUST

STATICS
  1202 2308
  GS   #STATICS
        .AEROSTATICS
        .ELECTROSTATICS
        .HYDROSTATICS
        ..MAGNETOHYDROSTATICS
  RT % DYNAMICS
        ELASTOSTATICS
      % EQUILIBRIUM
        FLUID MECHANICS
      % MECHANICS (PHYSICS)

STATIONARY ORBITS
  1904 3006 3107 3009
  GS    ORBITS
        .CIRCULAR ORBITS
        .#STATIONARY ORBITS
        .EQUATORIAL ORBITS
        .#STATIONARY ORBITS
        .SPACECRAFT ORBITS
        ..SATELLITE ORBITS
        ..#STATIONARY ORBITS
  RT    EARTH ORBITS
        GEOSYNCHRONOUS ORBITS
        SYNCHRONOUS SATELLITES
        TWENTY-FOUR HOUR ORBITS

STATIONKEEPING
  1102 1106 1109 3109 3406 3503
  RT    GUIDANCE (MOTION)
        NAVIGATION
        ORBITAL MECHANICS
        ORBITS
        PAYLOAD RETRIEVAL (STS)
        POSITIONING
        SATELLITE CONSTELLATIONS
        SPACECRAFT CONTROL

STATIONS
  1103 1106 1108 1109 1406 1409 3109
  GS   #STATIONS
        .CREW WORKSTATIONS
        ..CREW EXPERIMENT STATIONS
        ..CREW OBSERVATION STATIONS
        .GROUND STATIONS
        ..DEEP SPACE INSTRUMENTATION
          FACILITY
        ..EARTH TERMINALS
        ..INTEGRATED MISSION CONTROL CENTER
        ..POLYSTATION DOPPLER TRACKING
          SYSTEM
        ..SPACE DETECTION AND TRACKING
          SYSTEM
        ..STDN (NETWORK)
        .HYDROELECTRIC POWER STATIONS
        .PAYLOAD STATIONS
        .SPACE STATIONS
        ..COLUMBUS SPACE STATION
        ..HALO ORBIT SPACE STATION
        ..MAN TENDED FREE FLYERS
        ..MIR SPACE STATION
        ..ORBITING LUNAR STATIONS
        ..SALYUT SPACE STATION
        ..SKYLAB 1
        ..SKYLAB 2
        ..SKYLAB 3
        ..SKYLAB 4
        ..SPACE OPERATIONS CENTER (NASA)
        ..SPACE STATION FREEDOM
        ..SPACE STATION POLAR PLATFORMS
        .TRACKING STATIONS
        ..DEEP SPACE INSTRUMENTATION
          FACILITY
        ..GLOBAL TRACKING NETWORK
        ..POLYSTATION DOPPLER TRACKING
          SYSTEM
        ..SPACE DETECTION AND TRACKING
          SYSTEM
        ..STDN (NETWORK)
        .WEATHER STATIONS
        ..AUTOMATIC WEATHER STATIONS
        .WORKSTATIONS
  RT % BASES
     % FACILITIES
        LUNAR BASES
        MILITARY AIR FACILITIES
        PLANETARY BASES
        POSITION (LOCATION)
        SPACE BASES
        SPACE FLIGHT TRACKING AND DATA
        NETWORK

STATISTICAL ANALYSIS
  1902 1905 4001
  GS   #STATISTICAL ANALYSIS
        .AMPLITUDE DISTRIBUTION ANALYSIS
        .CORRELATION COEFFICIENTS
        .DISCRIMINANT ANALYSIS (STATISTICS)
        .FACTOR ANALYSIS
        .GOODNESS OF FIT
        .LIKELIHOOD RATIO
        .MAXWELL-BOLTZMANN DENSITY FUNCTION
        .NONPARAMETRIC STATISTICS
        .POISSON DENSITY FUNCTIONS
        .PROBABILITY DENSITY FUNCTIONS
        ..NORMAL DENSITY FUNCTIONS
        ..PEARSON DISTRIBUTIONS
        ..RAYLEIGH DISTRIBUTION
        ..WEIBULL DENSITY FUNCTIONS
        .PROBABILITY DISTRIBUTION FUNCTIONS
        .QUANTILES
        .SEQUENTIAL ANALYSIS
        .STANDARD DEVIATION
        .STATISTICAL CORRELATION
        .STATISTICAL DECISION THEORY
        .STATISTICAL TESTS
        ..KOLMOGOROV-SMIRNOV TEST
        ..MANN-WHITNEY-WILCOXON U TEST
        ..RANK TESTS
        .VARIANCE (STATISTICS)
```

..ANALYSIS OF VARIANCE
..MULTIVARIATE STATISTICAL ANALYSIS
...BIVARIATE ANALYSIS
...COVARIANCE
...REGRESSION ANALYSIS
RT % ANALYZING
% APPLICATIONS OF MATHEMATICS
APPROXIMATION
AUTOREGRESSIVE PROCESSES
BINOMIAL THEOREM
BIOMETRICS
CENSORED DATA (MATHEMATICS)
CHARTS
CHEBYSHEV APPROXIMATION
CLUSTER ANALYSIS
COEFFICIENTS
CONFIDENCE
CONFIDENCE LIMITS
CONTINUITY (MATHEMATICS)
CORRELATION
% DATA
DATA CORRELATION
DECISION THEORY
DISCRETE FUNCTIONS
% DISPERSION
ECONOMICS
ESTIMATES
ESTIMATING
EVENTS
EXPECTANCY HYPOTHESIS
EXPERIMENT DESIGN
EXPONENTIAL FUNCTIONS
EXTRAPOLATION
FACTORIAL DESIGN
FAILURE ANALYSIS
FORECASTING
GAME THEORY
GAUSS-MARKOV THEOREM
GRAPHS (CHARTS)
INFORMATION THEORY
INSPECTION
INTERPOLATION
LINEAR PREDICTION
MANAGEMENT
% MATHEMATICS
MAXIMUM ENTROPY METHOD
MEAN
MEDIAN (STATISTICS)
MILLS RATIO
MINIMUM VARIANCE ORBIT
DETERMINATION
MONTE CARLO METHOD
MTBF
OPERATIONS RESEARCH
OUTLIERS (STATISTICS)
PARAMETER IDENTIFICATION
PROBABILITY THEORY
QUALITY CONTROL
QUARTILES
QUEUEING THEORY
RANDOM PROCESSES
RELIABILITY
ROOT-MEAN-SQUARE ERRORS
SAMPLING
% STATISTICS
STOCHASTIC PROCESSES
SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
SYSTEMS ENGINEERING
TABLES (DATA)
TELECONNECTIONS (METEOROLOGY)
TRAVELING SALESMAN PROBLEM
TREND ANALYSIS
WIENER FILTERING
YANG-MILLS THEORY

STATISTICAL COMMUNICATION THEORY
USE COMMUNICATION THEORY

STATISTICAL CORRELATION
1902 1905
GS CORRELATION
#STATISTICAL CORRELATION
STATISTICAL ANALYSIS
#STATISTICAL CORRELATION
RT CORRELATION COEFFICIENTS
DATA CORRELATION
ECONOMETRICS
EVALUATION
QUALITY CONTROL
% STATISTICS
TELECONNECTIONS (METEOROLOGY)

STATISTICAL DECISION THEORY
1902 1905
GS DECISION THEORY
#STATISTICAL DECISION THEORY
STATISTICAL ANALYSIS
#STATISTICAL DECISION THEORY
RT GAME THEORY
% THEORIES

STATISTICAL DISTRIBUTIONS
1902 1905
UF RANDOM DISTRIBUTIONS
GS #STATISTICAL DISTRIBUTIONS
.BRIGHTNESS DISTRIBUTION
.PEARSON DISTRIBUTIONS
.PROBABILITY DISTRIBUTION FUNCTIONS
.RAYLEIGH DISTRIBUTION
RT BINOMIAL THEOREM
CENSORED DATA (MATHEMATICS)
COMPLEXITY
CURVE FITTING
% DISTRIBUTION
DISTRIBUTION (PROPERTY)
DISTRIBUTION FUNCTIONS
DISTRIBUTION MOMENTS
ERROR FUNCTIONS
EVENTS
EXPECTANCY HYPOTHESIS
FORECASTING
GAMMA FUNCTION
GOODNESS OF FIT
KOLMOGOROV-SMIRNOV TEST
KURTOSIS
MATHEMATICAL MODELS
OUTLIERS (STATISTICS)
PROBABILITY THEORY
QUALITY CONTROL
QUANTILES
QUANTUM THEORY
QUARTILES
RELIABILITY
SCATTERING
SIZE DISTRIBUTION

STATISTICAL MECHANICS
1902 1905 2308
RT BOLTZMANN DISTRIBUTION
BOLTZMANN TRANSPORT EQUATION
CLASSICAL MECHANICS
CLOSURE LAW
CONTINUUM MECHANICS
ENERGY DISTRIBUTION
FLUCTUATION THEORY
FUNCTION SPACE
ISING MODEL
LIOUVILLE EQUATIONS
MACROSCOPIC EQUATIONS
MALKUS THEORY
MANY BODY PROBLEM
MAXWELL-BOLTZMANN DENSITY FUNCTION
% MECHANICS (PHYSICS)
MOLECULAR DYNAMICS
ONSAGER PHENOMENOLOGICAL
COEFFICIENT
QUANTUM MECHANICS
QUANTUM THEORY
RENORMALIZATION GROUP METHODS
THERMODYNAMIC EQUILIBRIUM
WEIGHTING FUNCTIONS

STATISTICAL MOMENTS
USE DISTRIBUTION MOMENTS

```
STATISTICAL PROBABILITY
  USE  PROBABILITY THEORY

STATISTICAL TESTS
  1902 1905 3406
  UF   BRUCETON TEST
  GS   STATISTICAL ANALYSIS
       #STATISTICAL TESTS
       ..KOLMOGOROV-SMIRNOV TEST
       ..MANN-WHITNEY-WILCOXON U TEST
       ..RANK TESTS
  RT   CHARTS
       CONFIDENCE LIMITS
       CURVE FITTING
     % DATA
       ESTIMATES
       ESTIMATING
       FACTOR ANALYSIS
       GOODNESS OF FIT
       HETEROGENEITY
       HOMOGENEITY
       LIKELIHOOD RATIO
       NORMALITY
       NULL HYPOTHESIS
       OUTLIERS (STATISTICS)
       QUALITY CONTROL
       RANGE (EXTREMES)
       REGRESSION ANALYSIS
       RELIABILITY
       SIGNIFICANCE
     % TESTS
       VALIDITY

STATISTICAL WEATHER FORECASTING
  1905 2001 2002 2003
  GS   FORECASTING
       .WEATHER FORECASTING
       .#STATISTICAL WEATHER FORECASTING
       METEOROLOGY
       .WEATHER FORECASTING
       .#STATISTICAL WEATHER FORECASTING
  RT   LONG RANGE WEATHER FORECASTING
       NUMERICAL WEATHER FORECASTING

% STATISTICS
  1902 1905
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ARRAYS
       BIOMETRICS
       CENSUS
     % DATA
       DEMOGRAPHY
       ENTROPY (STATISTICS)
       ESTIMATES
       ESTIMATING
       FERMI-DIRAC STATISTICS
       INFORMATION THEORY
       NONPARAMETRIC STATISTICS
       POPULATIONS
       PROBABILITY THEORY
       QUANTILES
       QUANTUM STATISTICS
       RANDOM VARIABLES
       RELIABILITY
       SAMPLING
       STATISTICAL ANALYSIS
       STATISTICAL CORRELATION
       STOCHASTIC PROCESSES
       SURVEYS
       SYSTEMS ENGINEERING
       TABLES (DATA)
       TIME SERIES ANALYSIS

STATOR BLADES
  0202 1504
  GS   TURBOMACHINE BLADES
       #STATOR BLADES
  RT % BLADES
       COMPRESSOR BLADES
       ROTOR BLADES (TURBOMACHINERY)
       STATORS
       TURBINE BLADES
       VANES

STATORS
  0202 1504
  RT   COMPRESSORS
       ELECTRIC MOTORS
     % GENERATORS
       IMPELLERS
       MOTORS
       PUMPS
     % ROTATING ELECTRICAL MACHINES
       ROTORS
       STATOR BLADES
       TURBINES

STAYS
  USE  GUY WIRES

STDN (NETWORK)
  0709
  UF   SATELLITE TRACKING AND DATA ACQ
       NETWORK
       SPACECRAFT TRACKING AND DATA
       NETWORK
       STADAN (SATELLITE TRACKING NETWORK)
  GS   STATIONS
       .GROUND STATIONS
       .#STDN (NETWORK)
       .TRACKING STATIONS
       .#STDN (NETWORK)
       TRACKING NETWORKS
       #STDN (NETWORK)
  RT   DATA ACQUISITION
       GLOBAL TRACKING NETWORK
       MINITRACK SYSTEM
       OPTICAL TRACKING
       RANGE AND RANGE RATE TRACKING
       SATELLITE TRACKING
       SPACE DETECTION AND TRACKING SYSTEM
       SPACE FLIGHT TRACKING AND DATA
       NETWORK

STEADY FLOW
  1202 1203
  GS   FLUID FLOW
       #STEADY FLOW
       ..COUETTE FLOW
       ..HARTMANN FLOW
  RT   BELTRAMI FLOW
       CONTINUITY EQUATION
       CRITICAL FLOW
       CROCCO METHOD
       EQUILIBRIUM FLOW
     % FLOW
       FLOW CHARACTERISTICS
       FLOW GEOMETRY
       FLOW STABILITY
       GAS FLOW
       HEAT TRANSMISSION
       HYDRODYNAMIC COEFFICIENTS
       LAMINAR FLOW
       LIQUID FLOW
       LOW TURBULENCE
       MASS FLOW
       METHOD OF CHARACTERISTICS
       MULTIPHASE FLOW
       NONNEWTONIAN FLOW
       ORIFICE FLOW
       PARALLEL FLOW
       PIPE FLOW
       PRESSURE GRADIENTS
       QUASI-STEADY STATES
       SINGLE-PHASE FLOW
       SOLIDS FLOW
       STEAM FLOW
       STOKES FLOW
       SUBCRITICAL FLOW
       SUPERCRITICAL FLOW
       TURBULENCE
       TURBULENT FLOW
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```
        TWO DIMENSIONAL FLOW
        UNIFORM FLOW
        UNSTEADY FLOW

STEADY STATE
  1003 1202 2311
  RT % EQUILIBRIUM
       FLUID DYNAMICS
       METASTABLE STATE
       STABILITY
       STATE VECTORS
       UNSTEADY FLOW
       UNSTEADY STATE

STEADY STATE CREEP
  2601 3203
  GS   MECHANICAL PROPERTIES
       .CREEP PROPERTIES
       .#STEADY STATE CREEP
  RT   PLASTIC FLOW
       QUASI-STEADY STATES

STEADY STATE FLOW
  USE  EQUILIBRIUM FLOW

STEALTH BOMBER
  USE  B-2 AIRCRAFT

STEAM
  0603 1202 3303 3501
  RT   BOILERS
       FOG
       SUPERHEATING
       THERMODYNAMICS
       WATER
       WATER VAPOR

STEAM FLOW
  1202
  GS   FLUID FLOW
       #STEAM FLOW
  RT   CRITICAL FLOW
       GAS FLOW
       LAMINAR FLOW
       MASS FLOW
       MULTIPHASE FLOW
       ORIFICE FLOW
       PIPE FLOW
       PIPELINES
       PRESSURE GRADIENTS
       SINGLE-PHASE FLOW
       STEADY FLOW
       SUBCRITICAL FLOW
       SUPERCRITICAL FLOW
       TURBULENT FLOW
       UNIFORM FLOW
       UNSTEADY FLOW

STEAM GENERATORS
  USE  BOILERS

STEAM TURBINES
  1504 3303 3501
  GS   TURBOMACHINERY
       .TURBINES
       .#STEAM TURBINES
  RT   AXIAL FLOW TURBINES
       COMBINED CYCLE POWER GENERATION
       GAS TURBINE ENGINES
       GAS TURBINES
       TURBOGENERATORS
       TWO STAGE TURBINES

STEARATES
  1808
  GS   ESTERS
       #STEARATES
  RT   SOAPS

STEAROTHERMOPHILUS
  0404 0406 0407
  GS   MICROORGANISMS
       .BACTERIA
       ..BACILLUS
       ..#STEAROTHERMOPHILUS

STEATITE
  USE  TALC

STEEL STRUCTURES
  1701 1704 3202 3203
  GS   WELDED STRUCTURES
       #STEEL STRUCTURES
  RT   COMPOSITE STRUCTURES
       CONSTRUCTION
       RIGID STRUCTURES
     % STRUCTURES

STEELS
  1701 1704
  GS   ALLOYS
       .IRON ALLOYS
       .#STEELS
       ...BAINITIC STEEL
       ...CARBON STEELS
       ....LOW CARBON STEELS
       ...CHROMIUM STEELS
       ...CROLOY
       ...HIGH STRENGTH STEELS
       ....MARAGING STEELS
       ...NICKEL STEELS
       ...STAINLESS STEELS
       ....AUSTENITIC STAINLESS STEELS
       ....FERRITIC STAINLESS STEELS
       ....MARTENSITIC STAINLESS STEELS
  RT   AUSTENITE
       BAINITE
       CEMENTITE
       FERRITES
       HYDROGEN EMBRITTLEMENT
       MARTENSITE
       PEARLITE

STEEP GRADIENT AIRCRAFT
  USE  V/STOL AIRCRAFT

STEEPEST ASCENT METHOD
  USE  STEEPEST DESCENT METHOD

STEEPEST DESCENT METHOD
  0802 1902 1905 2308
  UF   STEEPEST ASCENT METHOD
  RT   CALCULUS OF VARIATIONS
       DYNAMIC PROGRAMMING
     % METHODOLOGY
       MINIMA
       OPTIMIZATION
       PARAMETER IDENTIFICATION
       SYSTEM IDENTIFICATION

STEEPNESS
  USE  SLOPES

STEERABLE ANTENNAS
  0701 0705 0709 0901
  GS   ANTENNAS
       .DIRECTIONAL ANTENNAS
       .#STEERABLE ANTENNAS
       ...INERTIALESS STEERABLE ANTENNAS
       ARRAYS
       .ANTENNA ARRAYS
       .#STEERABLE ANTENNAS
       ...INERTIALESS STEERABLE ANTENNAS
  RT   PHASED ARRAYS
       RADAR ANTENNAS

STEERING
  0303 1402 1410 2102
  RT % CONTROL
       CONTROL ROCKETS
       CONTROLLABILITY
       ELECTRON OPTICS
     % FLIGHT
       FOCUSING
       SUSPENSION SYSTEMS (VEHICLES)
```

STEERING ROCKETS
USE CONTROL ROCKETS

STEFAN-BOLTZMANN LAW
2306 2310 2402 3304
GS LAWS
.RADIATION LAWS
.#STEFAN-BOLTZMANN LAW
RT ELECTROMAGNETIC RADIATION
EMISSIVITY
FLUX (RATE)
HEAT RADIATORS
KIRCHHOFF LAW OF RADIATION
RADIATIVE HEAT TRANSFER

STELLAR (STAR TRACKER)
USE CCD STAR TRACKER

STELLAR ACTIVITY
3001
GS #STELLAR ACTIVITY
.SOLAR ACTIVITY
..FACULAE
..SOLAR FLARES
..SOLAR PROMINENCES
..SOLAR STORMS
..SPICULES
..SUNSPOTS
.STARSPOTS
..SUNSPOTS
.STELLAR FLARES
..SOLAR FLARES
RT FLARE STARS
% FLARES
MAGNETIC DISTURBANCES
MAGNETOHYDRODYNAMICS
PHOTOSPHERE
STARQUAKES
STARS
STELLAR CONVECTION
STELLAR INTERIORS
STELLAR LUMINOSITY
STELLAR MAGNETIC FIELDS
STELLAR MASS EJECTION
STELLAR OSCILLATIONS
STELLAR PHYSICS
STELLAR RADIATION
SUNSPOT CYCLE

STELLAR ATMOSPHERES
3001 3003 3009
GS ENVIRONMENTS
.EXTRATERRESTRIAL ENVIRONMENTS
.#STELLAR ATMOSPHERES
...CHROMOSPHERE
...SOLAR ATMOSPHERE
....SOLAR TRANSITION REGION
RT % ATMOSPHERES
COOL STARS
LIMB BRIGHTENING
LIMB DARKENING
LOCAL THERMODYNAMIC EQUILIBRIUM
METALLIC STARS
PULSAR MAGNETOSPHERES
RADIATIVE TRANSFER
SATELLITE ATMOSPHERES
STARSPOTS
STELLAR CONVECTION
STELLAR CORONAS
STELLAR INTERIORS
STELLAR MAGNETOSPHERES

STELLAR COLOR
3001
RT COLOR-COLOR DIAGRAM
COLOR-MAGNITUDE DIAGRAM
STELLAR LUMINOSITY
STELLAR MAGNITUDE
STELLAR SPECTRA
STELLAR SPECTROPHOTOMETRY

STELLAR COMPOSITION
3001
GS COMPOSITION (PROPERTY)
.CHEMICAL COMPOSITION
.#STELLAR COMPOSITION
RT ABUNDANCE
B STARS
CARBON STARS
STARS
STELLAR MODELS
STELLAR PHYSICS
STELLAR STRUCTURE

STELLAR CONVECTION
2311 3001 3002
GS CONVECTION
#STELLAR CONVECTION
..SOLAR CONVECTION (ASTRONOMY)
RT BENARD CELLS
CONVECTION CURRENTS
CONVECTIVE FLOW
DYNAMO THEORY
FLUID FLOW
FREE CONVECTION
RAYLEIGH-BENARD CONVECTION
STELLAR ACTIVITY
STELLAR ATMOSPHERES
STELLAR INTERIORS
STELLAR MAGNETIC FIELDS
STELLAR PHYSICS

STELLAR CORES
3002
GS CORES
#STELLAR CORES
STELLAR INTERIORS
#STELLAR CORES
RT ASTROPHYSICS
DEGENERATE MATTER
GRAVITATIONAL COLLAPSE
PLANETARY CORES
SOLAR INTERIOR
STARS
STELLAR CORONAS
STELLAR STRUCTURE

STELLAR CORONAS
3001
GS CORONAS
#STELLAR CORONAS
..SOLAR CORONA
...CORONAL HOLES
...CORONAL LOOPS
RT IONIZATION
ORION NEBULA
STELLAR ATMOSPHERES
STELLAR CORES

STELLAR DOPPLER SHIFT
USE DOPPLER EFFECT

STELLAR ENVELOPES
1902 3001
UF CIRCUMSTELLAR MATTER
RT ASTROPHYSICS
COOL STARS
% ENVELOPES
INTERSTELLAR MATTER
R CORONAE BOREALIS STARS
SHELL STARS
STELLAR MASS ACCRETION
STELLAR MASS EJECTION
STELLAR STRUCTURE
SYMBIOTIC STARS
WOLF-RAYET STARS

STELLAR EVOLUTION
3001 3003
GS EVOLUTION (DEVELOPMENT)
#STELLAR EVOLUTION
..STAR FORMATION
..STELLAR MASS ACCRETION
RT ASTROPHYSICS

ASYMPTOTIC GIANT BRANCH STARS
BROWN DWARF STARS
COLOR-MAGNITUDE DIAGRAM
COSMOLOGY
DEGENERATE MATTER
GALACTIC EVOLUTION
HERTZSPRUNG-RUSSELL DIAGRAM
HORIZONTAL BRANCH STARS
INTERSTELLAR EXTINCTION
LATE STARS
MAIN SEQUENCE STARS
NEUTRAL CURRENTS
PLANETARY EVOLUTION
PRE-MAIN SEQUENCE STARS
PROTOPLANETS
PROTOSTARS
RED GIANT STARS
SOLAR SYSTEM EVOLUTION
STAR FORMATION RATE
STELLAR INTERIORS
STELLAR PHYSICS
SUBGIANT STARS

STELLAR FIELDS
USE STAR DISTRIBUTION

STELLAR FLARES
2901
GS STELLAR ACTIVITY
#STELLAR FLARES
..SOLAR FLARES
RT CATACLYSMIC VARIABLES
FLARE STARS
% FLARES
STELLAR LUMINOSITY
STELLAR PHYSICS
STELLAR RADIATION

STELLAR GRAVITATION
1309 3001
GS GRAVITATION
#STELLAR GRAVITATION
..SOLAR GRAVITATION
RT GRAVITATIONAL FIELDS
GRAVITATIONAL LENSES
STARS
STELLAR MASS
STELLAR SYSTEMS

STELLAR INTERIORS
3002 3001 3009
GS #STELLAR INTERIORS
.SOLAR INTERIOR
.STELLAR CORES
RT ASTROPHYSICS
CONVECTION
GRAVITATIONAL COLLAPSE
NUCLEAR FUSION
STARS
STELLAR ACTIVITY
STELLAR ATMOSPHERES
STELLAR CONVECTION
STELLAR EVOLUTION
STELLAR MODELS
STELLAR PHYSICS
STELLAR STRUCTURE

STELLAR LUMINOSITY
1404 1412 2306 3001
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
..LUMINOSITY
..#STELLAR LUMINOSITY
RT BRIGHTNESS
BRIGHTNESS DISTRIBUTION
HERTZSPRUNG-RUSSELL DIAGRAM
HORIZONTAL BRANCH STARS
LIMB BRIGHTENING
LIMB DARKENING
LUMINESCENCE
MASS TO LIGHT RATIOS
RED DWARF STARS
RED GIANT STARS
STARSPOTS
STELLAR ACTIVITY
STELLAR COLOR
STELLAR FLARES
STELLAR PARALLAX
STELLAR PHYSICS
WOLF-RAYET STARS

STELLAR MAGNETIC FIELDS
2307 3001 3002
GS MAGNETIC FIELDS
#STELLAR MAGNETIC FIELDS
..SOLAR MAGNETIC FIELD
RT ELECTROMAGNETIC FIELDS
INTERSTELLAR MAGNETIC FIELDS
MAGNETIC FIELD CONFIGURATIONS
PLASMAS (PHYSICS)
PULSAR MAGNETOSPHERES
STARSPOTS
STELLAR ACTIVITY
STELLAR CONVECTION
STELLAR MAGNETOSPHERES

STELLAR MAGNETOSPHERES
2307 3001 3009
GS #STELLAR MAGNETOSPHERES
.PULSAR MAGNETOSPHERES
RT MAGNETIC FIELDS
% MAGNETOSPHERES
STELLAR ATMOSPHERES
STELLAR MAGNETIC FIELDS

STELLAR MAGNITUDE
3001
GS MAGNITUDE
#STELLAR MAGNITUDE
RT ASTRONOMY
COLOR-MAGNITUDE DIAGRAM
% INTENSITY
LUMINANCE
LUMINOUS INTENSITY
RED DWARF STARS
STARS
STELLAR COLOR
STELLAR PARALLAX

STELLAR MASS
3001 3002
GS MASS
#STELLAR MASS
RT DEGENERATE MATTER
GALACTIC MASS
MAIN SEQUENCE STARS
MASS TO LIGHT RATIOS
MASSIVE STARS
NOVAE
STELLAR GRAVITATION
STELLAR TEMPERATURE
SUPERNOVAE
VARIABLE STARS

STELLAR MASS ACCRETION
3001
GS EVOLUTION (DEVELOPMENT)
.STELLAR EVOLUTION
.#STELLAR MASS ACCRETION
RT ACCRETION DISKS
COSMOLOGY
DWARF NOVAE
GALACTIC EVOLUTION
GRAVITATIONAL EFFECTS
INTERSTELLAR GAS
INTERSTELLAR MATTER
PROTOSTARS
STAR FORMATION
STELLAR ENVELOPES
STELLAR PHYSICS
SYMBIOTIC STARS
X RAY BINARIES

STELLAR MASS EJECTION
3001 3002

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  GS   EJECTION
       #STELLAR MASS EJECTION
  RT   ASYMPTOTIC GIANT BRANCH STARS
       CATACLYSMIC VARIABLES
       DWARF NOVAE
       MAGNETIC CLOUDS
       NOVAE
       R CORONAE BOREALIS STARS
       STELLAR ACTIVITY
       STELLAR ENVELOPES
       SUPERNOVAE
       VARIABLE STARS
       WOLF-RAYET STARS

STELLAR MODELS
  3001 3009
  GS   MODELS
       .ASTRONOMICAL MODELS
       .#STELLAR MODELS
  RT   ASTRONOMY
       SOLAR NEUTRINOS
       SOLAR OSCILLATIONS
       STELLAR COMPOSITION
       STELLAR INTERIORS
       SUPERMASSIVE STARS

STELLAR MOTIONS
  1901 3001 3002
  GS  #STELLAR MOTIONS
       .STELLAR ORBITS
       .STELLAR OSCILLATIONS
       ..SOLAR OSCILLATIONS
       .STELLAR ROTATION
       ..SOLAR ROTATION
  RT   COMPANION STARS
       COROTATION
       DOPPLER EFFECT
       DOPPLER-FIZEAU EFFECT
       DOUBLE STARS
       GALACTIC ROTATION
       HIPPARCOS SATELLITE
     % MOTION
       SIDEREAL TIME
       STELLAR PARALLAX
       STELLAR SYSTEMS

STELLAR OCCULTATION
  3001 3009
  GS   OCCULTATION
       #STELLAR OCCULTATION
  RT   ECLIPSING BINARY STARS
       LUNAR OCCULTATION

STELLAR ORBITS
  1901 3009 3001
  SN   (EXCLUDES PLANETARY ORBITS)
  GS   ORBITS
       #STELLAR ORBITS
       STELLAR MOTIONS
       #STELLAR ORBITS
  RT   CELESTIAL MECHANICS
       NEMESIS (STAR)

STELLAR OSCILLATIONS
  3001
  GS   OSCILLATIONS
       #STELLAR OSCILLATIONS
       ..SOLAR OSCILLATIONS
       STELLAR MOTIONS
       #STELLAR OSCILLATIONS
       ..SOLAR OSCILLATIONS
  RT   ASTRONOMICAL MODELS
       ASTRONOMY
       ASTROPHYSICS
       ATMOSPHERIC MODELS
       CATACLYSMIC VARIABLES
       MIRA VARIABLES
       STARS
       STELLAR ACTIVITY
       SYMBIOTIC STARS
       VARIABLE STARS

STELLAR PARALLAX
  1901 3001
  GS   PARALLAX
       #STELLAR PARALLAX
  RT   ASTROMETRY
       BINARY STARS
       HIPPARCOS SATELLITE
       SOLAR PARALLAX
       STELLAR LUMINOSITY
       STELLAR MAGNITUDE
       STELLAR MOTIONS

STELLAR PHYSICS
  3001 3002
  GS   ASTROPHYSICS
       #STELLAR PHYSICS
       ..SOLAR PHYSICS
  RT   LOCAL THERMODYNAMIC EQUILIBRIUM
       NUCLEAR ASTROPHYSICS
       NUCLEAR FUSION
     % SCIENCE
       STARQUAKES
       STELLAR ACTIVITY
       STELLAR COMPOSITION
       STELLAR CONVECTION
       STELLAR EVOLUTION
       STELLAR FLARES
       STELLAR INTERIORS
       STELLAR LUMINOSITY
       STELLAR MASS ACCRETION
       STELLAR RADIATION
       STELLAR ROTATION
       STELLAR STRUCTURE
       SUPERNOVAE

STELLAR RADIATION
  2309 2402 2903 3001
  GS   EXTRATERRESTRIAL RADIATION
       #STELLAR RADIATION
       ..STELLAR WINDS
  RT   COSMIC RAYS
       ELECTROMAGNETIC RADIATION
       GALACTIC RADIATION
       GAMMA RAY BURSTS
       HERBIG-HARO OBJECTS
       INTERSTELLAR EXTINCTION
       INTERSTELLAR RADIATION
       LIGHT CURVE
       MICROWAVE EMISSION
       POLARIZED ELECTROMAGNETIC RADIATION
     % RADIATION
       RADIATIVE TRANSFER
       RADIO BURSTS
       RADIO STARS
       SOLAR RADIATION
       STARSPOTS
       STELLAR ACTIVITY
       STELLAR FLARES
       STELLAR PHYSICS
       X RAY STARS

STELLAR ROTATION
  1901 3001 3002
  GS   GYRATION
       .ROTATION
       .#STELLAR ROTATION
       ...SOLAR ROTATION
       STELLAR MOTIONS
       #STELLAR ROTATION
       ..SOLAR ROTATION
  RT   ANGULAR MOMENTUM
       COROTATION
       PLANETARY ROTATION
       STARQUAKES
       STELLAR PHYSICS

STELLAR SPECTRA
  1411 1412 2306 3001
  GS   SPECTRA
       .RADIATION SPECTRA
       ..ELECTROMAGNETIC SPECTRA
       ..#STELLAR SPECTRA
       ....SOLAR SPECTRA
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  RT    ABSORPTION SPECTRA
        ASTRONOMICAL SPECTROSCOPY
        COLOR-COLOR DIAGRAM
        CONTINUOUS SPECTRA
        COOL STARS
        EMISSION SPECTRA
        F STARS
        G STARS
        HERBIG-HARO OBJECTS
        HERTZSPRUNG-RUSSELL DIAGRAM
        HORIZONTAL BRANCH STARS
        INFRARED SPECTRA
        K STARS
        LINE SPECTRA
        MOLECULAR SPECTRA
        PECULIAR STARS
        SEYFERT GALAXIES
        STELLAR COLOR
        SYMBIOTIC STARS
        ULTRAVIOLET SPECTRA
        VISIBLE SPECTRUM
        X RAY SPECTRA

STELLAR SPECTROPHOTOMETRY
  1411 1412 2306 2402 3001
  GS    OPTICAL MEASUREMENT
        .PHOTOMETRY
        ..ASTRONOMICAL PHOTOMETRY
        ..#STELLAR SPECTROPHOTOMETRY
        ..SPECTROPHOTOMETRY
        ..#STELLAR SPECTROPHOTOMETRY
        SPECTROSCOPY
        .SPECTROPHOTOMETRY
        .#STELLAR SPECTROPHOTOMETRY
  RT    COLOR-COLOR DIAGRAM
        HORIZONTAL BRANCH STARS
        INFRARED PHOTOMETRY
        PECULIAR STARS
        SPECTROSCOPIC TELESCOPES
        STELLAR COLOR

STELLAR STRUCTURE
  3001 3002 3003
  RT    CHROMOSPHERE
        CORONAL HOLES
        DENSE PLASMAS
        METALLIC STARS
        PECULIAR STARS
        SOLAR ATMOSPHERE
        SOLAR CORONA
        SOLAR INTERIOR
        STARQUAKES
        STELLAR COMPOSITION
        STELLAR CORES
        STELLAR ENVELOPES
        STELLAR INTERIORS
        STELLAR PHYSICS
      % STRUCTURES
        SUPERMASSIVE STARS

STELLAR SYSTEMS
  3001 3002
  SN    (EXCLUDES PLANETARY SYSTEMS)
  GS    CELESTIAL BODIES
        #STELLAR SYSTEMS
  RT    BINARY STARS
        GALACTIC CLUSTERS
        GALACTIC ROTATION
        GALACTIC STRUCTURE
        GALAXIES
        GRAVITATIONAL COLLAPSE
        GRAVITATIONAL EFFECTS
        INTERACTING GALAXIES
        NEMESIS (STAR)
        SIGMA ORIONIS
        STAR CLUSTERS
        STAR DISTRIBUTION
        STELLAR GRAVITATION
        STELLAR MOTIONS
        TRIPLE STARS

STELLAR TEMPERATURE
  1408 3001
  GS    TEMPERATURE
        #STELLAR TEMPERATURE
  RT    COOL STARS
        STELLAR MASS
        SYMBIOTIC STARS

STELLAR WINDS
  2502 2903 3001 3002 3003
  GS    EXTRATERRESTRIAL RADIATION
        .STELLAR RADIATION
        .#STELLAR WINDS
        PARTICLES
        .CHARGED PARTICLES
        ..ENERGETIC PARTICLES
        ...PLASMAS (PHYSICS)
        ....SPACE PLASMAS
        ....#STELLAR WINDS
  RT    CHROMOSPHERE
        COSMIC PLASMA
        INTERGALACTIC MEDIA
        INTERSTELLAR GAS
        RADIATION PRESSURE
        SOLAR WIND
        SOLAR WIND VELOCITY

STELLARATORS
  2205 2307 2501
  GS    NUCLEAR REACTORS
        .FUSION REACTORS
        .#STELLARATORS
  RT    HELICAL WINDINGS
        HELIOTRONS
        MAGNETOHYDRODYNAMICS
        PINCH EFFECT
        PLASMA CONTROL
        THERMAL INSTABILITY
        THERMONUCLEAR POWER GENERATION
        THERMONUCLEAR REACTIONS
        TOROIDAL PLASMAS

STELLITE (TRADEMARK)
  1701
  UF    HAYNES STELLITE
  RT    CHROMIUM ALLOYS
        COBALT ALLOYS
        TUNGSTEN ALLOYS

STEMS
  0409
  RT    PLANTS (BOTANY)

STENCIL PROCESSES
  1504
  RT    PRINTING
        REPRODUCTION (COPYING)

STEP FAULTS
  USE   GEOLOGICAL FAULTS

STEP FUNCTIONS
  1902 1905
  GS    FUNCTIONS (MATHEMATICS)
        #STEP FUNCTIONS
  RT    DYNAMIC RESPONSE
      % FREQUENCY RESPONSE
        INTERVALS
        RAMP FUNCTIONS
        REACTION TIME
      % STEPS

STEP RECOVERY DIODES
  0903
  GS    ELECTRONIC EQUIPMENT
        .SOLID STATE DEVICES
        ..SEMICONDUCTOR DEVICES
        ...JUNCTION DIODES
        ...#STEP RECOVERY DIODES
  RT    SWITCHING

STEPPES
  1306
  GS    LANDFORMS
```

#STEPPES
RT ARID LANDS
DESERTIFICATION
GRASSLANDS
PLAINS

STEPPING MOTORS
0904
GS MOTORS
.ELECTRIC MOTORS
.#STEPPING MOTORS
RT ACTUATORS
SERVOCONTROL
SERVOMECHANISMS

STEPPING SWITCHES
0902
GS SWITCHES
.ELECTRIC SWITCHES
.#STEPPING SWITCHES

% STEPS
0202 1102 1305 1902 3203 3406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT BACKWARD FACING STEPS
PROGRAMMING (SCHEDULING)
STAIRSTEPS
STEP FUNCTIONS

STEREOCHEMISTRY
0601 0603 2401 2404 2406
RT CARBOHYDRATES
% CHEMISTRY
ISOMERS
OPTICAL ACTIVITY
SPATIAL DISTRIBUTION
X RAY ANALYSIS

STEREOGRAPHY
USE STEREOPHOTOGRAPHY

STEREOPHONICS
1202
RT ACOUSTICS
HEARING

STEREOPHOTOGRAPHY
1407 1412
UF STEREOGRAPHY
STEREOSCOPIC PHOTOGRAPHY
GS IMAGERY
.STEREOSCOPY
.#STEREOPHOTOGRAPHY
PHOTOGRAPHY
.STEREOSCOPY
.#STEREOPHOTOGRAPHY
RT AERIAL PHOTOGRAPHY
BLACK AND WHITE PHOTOGRAPHY
CINEMATOGRAPHY
COLOR PHOTOGRAPHY
MAPSAT
PHOTOGRAMMETRY
SPOT (FRENCH SATELLITE)

STEREOSCOPIC PHOTOGRAPHY
USE STEREOPHOTOGRAPHY

STEREOSCOPIC VISION
0404 0408
GS VISION
#STEREOSCOPIC VISION
RT BINOCULAR VISION
STEREOSCOPY

STEREOSCOPY
1406 3501
GS IMAGERY
#STEREOSCOPY
..STEREOPHOTOGRAPHY
PHOTOGRAPHY
#STEREOSCOPY
..STEREOPHOTOGRAPHY
RT STEREOSCOPIC VISION

STEREOTELEVISION
0702 0710
GS COMMUNICATION EQUIPMENT
#STEREOTELEVISION
TELECOMMUNICATION
#STEREOTELEVISION
TELEVISION SYSTEMS
#STEREOTELEVISION
RT CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
COMMUNICATING
EDUCATIONAL TELEVISION
SATELLITE TELEVISION
SPACECRAFT TELEVISION

STERILIZATION
0405 0408 0504
GS CLEANING
#STERILIZATION
..CHEMICAL STERILIZATION
..SPACECRAFT STERILIZATION
RT AIR PURIFICATION
ANTIFOULING
ANTISEPTICS
BACTERICIDES
BAKING
DECONTAMINATION
FUMIGATION
GNOTOBIOTICS
HOUSEKEEPING (SPACECRAFT)
IONIZING RADIATION
MERCURY LAMPS
PASTEURIZING
PURIFICATION
ULTRAVIOLET RADIATION

STERILIZATION EFFECTS
0504 1505
RT CHEMICAL EFFECTS
CORROSION
DECONTAMINATION
DEGRADATION
% DEOXIFICATION
% EFFECTS
RADIATION EFFECTS
SPACECRAFT STERILIZATION
TEMPERATURE EFFECTS
THERMAL DEGRADATION

STERNS
USE AFTERBODIES

STERNUM
0404
GS ANATOMY
.MUSCULOSKELETAL SYSTEM
..BONES
..#STERNUM
RT THORAX

STEROIDS
0403 0405 1808
GS ORGANIC COMPOUNDS
.LIPIDS
.#STEROIDS
...CHOLESTEROL
...CORTICOSTEROIDS
....ALDOSTERONE
....HYDROXYCORTICOSTEROID
.....CORTISONE
...ESTROGENS
...PROSTAGLANDINS
RT ANTIBIOTICS
HORMONES

STETHOSCOPES
0405 0501
GS MEDICAL EQUIPMENT
#STETHOSCOPES

RT PHYSICIANS

STIELTJES INTEGRAL
1902
GS ANALYSIS (MATHEMATICS)
.REAL VARIABLES
..MEASURE AND INTEGRATION
..#STIELTJES INTEGRAL
RT PROBABILITY THEORY

STIFF STRUCTURES
USE RIGID STRUCTURES

STIFFENING
3202
RT REINFORCEMENT (STRUCTURES)
RIBS (SUPPORTS)
WEBS (SUPPORTS)

STIFFNESS
2308 3203
GS MECHANICAL PROPERTIES
#STIFFNESS
RT BENDING
DEFORMATION
FLEXIBILITY
MODULUS OF ELASTICITY
% RIGIDITY
SOFTNESS
STRUCTURAL STABILITY

STIFFNESS MATRIX
1902 2308
GS ALGEBRA
.VECTOR SPACES
..MATRICES (MATHEMATICS)
..#STIFFNESS MATRIX
RT STRUCTURAL ANALYSIS
STRUCTURAL MEMBERS

STIGMATISM
0405 0408 2310
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
.#STIGMATISM
RT ASTIGMATISM
FOCUSING
LENS DESIGN
LENSES

STILBENE
1808
GS ORGANIC COMPOUNDS
.HYDROCARBONS
.#STILBENE
RT DYES
HEXANITROSTILBENE

STILLS
1202 3303 3304
GS SEPARATORS
#STILLS
RT CONCENTRATORS
DISTILLATION EQUIPMENT

STIMULANTS
0405 0408
GS DRUGS
#STIMULANTS
..ATROPINE
..CAFFEINE
..CENTRAL NERVOUS SYSTEM STIMULANTS
..NORADRENALINE
..NOREPINEPHRINE
RT AMINOPHYLLINE
EPINEPHRINE
STRYCHNINE

STIMULATED EMISSION
1601 2403 2405 2406
GS EMISSION
#STIMULATED EMISSION
RT ARGON LASERS
CARBON DIOXIDE LASERS
CARBON LASERS
CARBON MONOXIDE LASERS
COHERENT ELECTROMAGNETIC RADIATION
COHERENT LIGHT
ELECTRON EMISSION
ELECTRON PUMPING
GALLIUM ARSENIDE LASERS
GAS LASERS
GAS MASERS
HCN LASERS
INTERSTELLAR MASERS
LASERS
LIGHT EMISSION
MASERS
NUCLEAR PUMPING
OPTICAL PUMPING
PARTICLE EMISSION
PHOTOELECTRIC EMISSION
POPULATION INVERSION
RAPID BALLISTICS IDENTIFICATION
RARE GAS-HALIDE LASERS
SELF SUSTAINED EMISSION
SURFACE EMITTING LASERS
TEA LASERS
TWO-WAVELENGTH LASERS
ULTRASHORT PULSED LASERS
ULTRAVIOLET LASERS

STIMULATED EMISSION DEVICES
1601
UF QUANTUM GENERATORS
GS #STIMULATED EMISSION DEVICES
.LASERS
..AIRBORNE LASERS
..ARGON LASERS
..ATMOSPHERIC LASERS
..CARBON LASERS
..CHEMICAL LASERS
...HCL LASERS
..CONTINUOUS WAVE LASERS
..DISTRIBUTED FEEDBACK LASERS
..FREE ELECTRON LASERS
..GAMMA RAY LASERS
..GAS LASERS
...CARBON DIOXIDE LASERS
...CARBON MONOXIDE LASERS
...DF LASERS
...EXCIMER LASERS
...HCL LASERS
....HCL ARGON LASERS
...HCN LASERS
...HELIUM-NEON LASERS
...HF LASERS
...KRYPTON FLUORIDE LASERS
...NITROGEN LASERS
...TEA LASERS
...ULTRAVIOLET LASERS
...XENON CHLORIDE LASERS
...XENON FLUORIDE LASERS
..GASDYNAMIC LASERS
..GLASS LASERS
..HIGH POWER LASERS
...NOVA LASER SYSTEM
...SHIVA LASER SYSTEM
..INFRARED LASERS
..INJECTION LASERS
..IODINE LASERS
..LIQUID LASERS
..METAL VAPOR LASERS
..NEODYMIUM LASERS
..NUCLEAR PUMPED LASERS
..ORGANIC LASERS
...DYE LASERS
..PLASMADYNAMIC LASERS
..PULSED LASERS
...Q SWITCHED LASERS
...ULTRASHORT PULSED LASERS
...ULTRAVIOLET LASERS
..RAMAN LASERS
..RARE GAS-HALIDE LASERS
...KRYPTON FLUORIDE LASERS

...XENON CHLORIDE LASERS
...XENON FLUORIDE LASERS
..RING LASERS
..SEMICONDUCTOR LASERS
...ALUMINUM GALLIUM ARSENIDE LASERS
...GALLIUM ARSENIDE LASERS
...YLF LASERS
..SOLAR-PUMPED LASERS
..SOLID STATE LASERS
...ALUMINUM GALLIUM ARSENIDE LASERS
...DBR LASERS
...GALLIUM ARSENIDE LASERS
...RUBY LASERS
...YAG LASERS
...YLF LASERS
..SPACEBORNE LASERS
..SURFACE EMITTING LASERS
..TUNABLE LASERS
..TWO-WAVELENGTH LASERS
..WAVEGUIDE LASERS
..X RAY LASERS
.MASERS
..GAS MASERS
...HYDROGEN MASERS
..INTERSTELLAR MASERS
..PROTON MASERS
..TRAVELING WAVE MASERS
..WATER MASERS
RT AMPLIFIERS
COHERENT ELECTROMAGNETIC RADIATION
DIFFRACTION RADIATION
ELECTRON PUMPING
% GENERATORS
LASER ARRAYS
LASER CAVITIES
LASER PUMPING
LASER WEAPONS
LASING
LIGHT TRANSMISSION
NUCLEAR PUMPING
OPTICAL PUMPING
RAPID BALLISTICS IDENTIFICATION
SUBHARMONIC GENERATORS
TRANSIENT OSCILLATIONS

STIMULATION
3407
GS #STIMULATION
.AUDITORY STIMULI
.SENSORY STIMULATION
RT ACTIVATION
ACTIVATION (BIOLOGY)
ACTUATION
CLOUD SEEDING
GAS INJECTION
INITIATION
PRESSURIZING
STARTING

% STIMULI
0404 0408
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AROUSAL
AUDITORY STIMULI
CALORIC STIMULI
ELECTRIC STIMULI
MOTIVATION
PSYCHOLOGICAL FACTORS
SUBLIMINAL STIMULI
VISUAL STIMULI

STIRLING CYCLE
1504 3304
GS CYCLES
.THERMODYNAMIC CYCLES
.#STIRLING CYCLE
RT CARNOT CYCLE
SOLAR DYNAMIC POWER SYSTEMS
STIRLING ENGINES

STIRLING ENGINES
1504 3304
GS ENGINES
.EXTERNAL COMBUSTION ENGINES
.#STIRLING ENGINES
.PISTON ENGINES
.#STIRLING ENGINES
RT AUTOMOBILE ENGINES
ENGINE DESIGN
ENGINE TESTS
FREE-PISTON ENGINES
LINEAR ALTERNATORS
STIRLING CYCLE

STIRRING
0602 0603
RT AERATION
DISPERSING
MIXERS
SUSPENDING (MIXING)
SWIRLING

STISHOVITE
1801 1805 1806
GS CHALCOGENIDES
.OXIDES
..DIOXIDES
...SILICON DIOXIDE
....QUARTZ
....#STISHOVITE
..SILICON OXIDES
...SILICON DIOXIDE
....QUARTZ
....#STISHOVITE
MINERALS
.QUARTZ
.#STISHOVITE
SILICON COMPOUNDS
.SILICON OXIDES
..SILICON DIOXIDE
...QUARTZ
...#STISHOVITE
RT COESITE
EARTH CRUST
EARTH MANTLE
RUTILE

STOCHASTIC PROCESSES
0802 1902 1905 2311
UF POISSON PROCESS
GS #STOCHASTIC PROCESSES
.MARKOV PROCESSES
..MARKOV CHAINS
.RANDOM PROCESSES
..RANDOM WALK
RT % APPLICATIONS OF MATHEMATICS
CHAOS
COHERENCE COEFFICIENT
DECISION THEORY
ERGODIC PROCESS
EVENTS
FOKKER-PLANCK EQUATION
GAME THEORY
INFORMATION THEORY
KAKUTANI THEOREM
KALMAN-SCHMIDT FILTERING
MARTINGALES
MATHEMATICAL MODELS
MONTE CARLO METHOD
OPERATIONS RESEARCH
PROBABILITY THEORY
QUEUEING THEORY
RANDOM ERRORS
RANDOM NOISE
RANDOM SIGNALS
STATE ESTIMATION
STATISTICAL ANALYSIS
% STATISTICS
TIME DEPENDENCE
TIME FUNCTIONS
TIME SERIES ANALYSIS

STOCKPILING

3401
RT ACCUMULATIONS
COLLECTION
INVENTORY MANAGEMENT
LOGISTICS
RESERVES
% STORAGE
STRATEGIC MATERIALS

STOICHIOMETRY
0602 0603 3304
RT CHEMICAL REACTIONS
% CHEMISTRY
% COMPOSITION
COMPOSITION (PROPERTY)
FORMULATIONS
MATERIAL BALANCE
PHASE DIAGRAMS

STOKES FLOW
1202
GS FLUID FLOW
.INCOMPRESSIBLE FLOW
.#STOKES FLOW
.VISCOUS FLOW
.#STOKES FLOW
RT OSEEN APPROXIMATION
STEADY FLOW

% STOKES LAW
0605 1202 1902 2402
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT LAWS
MAXWELL EQUATION
STOKES LAW (FLUID MECHANICS)
STOKES THEOREM (VECTOR CALCULUS)

STOKES LAW (FLUID MECHANICS)
1202
RT SETTLING
% STOKES LAW
VISCOSITY

STOKES LAW OF RADIATION
0605 1902
GS LAWS
.RADIATION LAWS
.#STOKES LAW OF RADIATION
RT INCIDENT RADIATION
LUMINESCENCE
% RADIATION
WAVELENGTHS

STOKES THEOREM (VECTOR CALCULUS)
1902
GS ALGEBRA
.VECTOR SPACES
.#STOKES THEOREM (VECTOR CALCULUS)
THEOREMS
#STOKES THEOREM (VECTOR CALCULUS)
RT % STOKES LAW

STOKES-BELTRAMI EQUATION
1202 1203
RT % EQUATIONS
LAPLACE EQUATION
STREAM FUNCTIONS (FLUIDS)

STOL AIRCRAFT
USE SHORT TAKEOFF AIRCRAFT

STOMACH
0404 0405
GS ANATOMY
.DIGESTIVE SYSTEM
..GASTROINTESTINAL SYSTEM
..#STOMACH
RT ABDOMEN

STONES (ROCKS)
USE ROCKS

STONY METEORITES
3005
GS CELESTIAL BODIES
.METEORITES
.#STONY METEORITES
...ACHONDRITES
....BONDOC METEORITE
....CHASSIGNITES
....KAPOETA ACHONDRITE
....NAKHLITES
....NORTON COUNTY ACHONDRITE
....SHERGOTTITES
....UREILITES
...CARBONACEOUS METEORITES
....CARBONACEOUS CHONDRITES
.....ALAIS METEORITE
.....ALLENDE METEORITE
.....COLD BOKKEVELD METEORITE
.....IVUNA METEORITE
.....MURCHISON METEORITE
.....MURRAY METEORITE
.....ORGUEIL METEORITE
.....TONK METEORITE
....UREILITES
...CHONDRITES
....BRUDERHEIM METEORITE
....CARBONACEOUS CHONDRITES
.....ALAIS METEORITE
.....ALLENDE METEORITE
.....COLD BOKKEVELD METEORITE
.....IVUNA METEORITE
.....MURCHISON METEORITE
.....MURRAY METEORITE
.....ORGUEIL METEORITE
.....TONK METEORITE
....HARLETON METEORITE
....HVITTIS CHONDRITE
....OKHANSK METEORITE
....PANTAR CHONDRITES
....PRIBRAM METEORITE
...TEKTITES
....AUSTRALITES
....BEDIASITES
...TUNGUSK METEORITE
RT COESITE
IRON METEORITES
LAZAREV METEORITE
METEORITIC COMPOSITION
METEORITIC MICROSTRUCTURES
SCHREIBERSITE
STONY-IRON METEORITES

STONY-IRON METEORITES
GS CELESTIAL BODIES
.METEORITES
.#STONY-IRON METEORITES
RT IRON METEORITES
STONY METEORITES

STOPCOCKS
USE COCKS

STOPPING
1504 3406
UF TERMINATING
GS #STOPPING
.THRUST TERMINATION
RT BLOCKING
CANCELLATION
CLOSING
CONSTRICTIONS
CONTAINMENT
DAMPING
DECELERATION
DELAY
ELIMINATION
% HOLDING
% INHIBITION
OPTIMIZATION
PLUGS
PREVENTION

```
    % REDUCTION
      RETARDING
      SEALING

STOPPING POWER
  2202 2403 2405
  RT   ABSORBERS (MATERIALS)
       ABSORPTION CROSS SECTIONS
    % CROSS SECTIONS
      DENSITY (MASS/VOLUME)
      NEUTRON CROSS SECTIONS
      RADIATION ABSORPTION
      RADIATION SHIELDING
      SCATTERING CROSS SECTIONS

STORABLE PROPELLANTS
  1103 2701 2702
  GS   CONSUMABLES (SPACECRAFT)
       #STORABLE PROPELLANTS
       PROPELLANTS
       #STORABLE PROPELLANTS
  RT   CRYOGENIC ROCKET PROPELLANTS
       GASEOUS ROCKET PROPELLANTS
       GELLED ROCKET PROPELLANTS
       GROUND SUPPORT EQUIPMENT
       HIGH TEMPERATURE PROPELLANTS
       HYDROCARBON FUELS
       HYPERGOLIC ROCKET PROPELLANTS
       LIQUID ROCKET PROPELLANTS
       PROPELLANT ADDITIVES
       PROPELLANT DECOMPOSITION
       PROPELLANT EVAPORATION
       PROPELLANT SENSITIVITY
       PROPELLANT STORABILITY
       PROPELLANT STORAGE
       ROCKET PROPELLANTS
       SOLID PROPELLANTS
       SPACE STORAGE

% STORAGE
  0801 0802 1103 1502 3405
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   BUFFER STORAGE
       COMPUTER STORAGE DEVICES
       CORE STORAGE
       CRYOGENIC FLUID STORAGE
       DATA STORAGE
       DISPOSAL
       DOCUMENT STORAGE
       ENERGY STORAGE
       EXTERNAL STORE SEPARATION
       EXTERNAL STORES
       FLUID FILLED SHELLS
       HANDLING EQUIPMENT
       INVENTORIES
       INVENTORY CONTROLS
       INVENTORY MANAGEMENT
       ION STORAGE
       LIQUID FILLED SHELLS
       LOGISTICS
       LOGISTICS MANAGEMENT
       MAGNETIC STORAGE
       MATERIALS HANDLING
       MISSILE SILOS
       MISSILE STORAGE
       PACKAGING
       PIPELINES
       PRESERVING
       PROPELLANT STORAGE
       RACKS (FRAMES)
       RECORDING
       RESERVES
       RETAINING
       SAFETY
       SPACE STORAGE
       STOCKPILING
       STORAGE TANKS
       STOWAGE (ONBOARD EQUIPMENT)
       UNDERGROUND STORAGE
       WASTE DISPOSAL
       WING-FUSELAGE STORES

STORAGE BATTERIES
  0302 0602
  SN   (RECHARGEABLE BATTERIES)
  UF   SECONDARY BATTERIES
  GS   ELECTROCHEMICAL CELLS
       .ELECTRIC BATTERIES
       .#STORAGE BATTERIES
       ...LEAD ACID BATTERIES
       ...NICKEL CADMIUM BATTERIES
       ...NICKEL HYDROGEN BATTERIES
       ...NICKEL ZINC BATTERIES
       ...SILVER CADMIUM BATTERIES
       ...SILVER HYDROGEN BATTERIES
       ...SILVER ZINC BATTERIES
       ...ZINC-BROMIDE BATTERIES
       ...ZINC-CHLORINE BATTERIES
  RT   ALKALINE BATTERIES
       BATTERY CHARGERS
       CHARGE EFFICIENCY
       DRY CELLS
       ELECTROLYTES
       METAL AIR BATTERIES
       NICKEL IRON BATTERIES
       NONAQUEOUS ELECTROLYTES
       PRIMARY BATTERIES
       PULSE CHARGING
       REGENERATIVE FUEL CELLS

STORAGE RINGS (PARTICLE ACCELERATORS)
  2202 2401 2405
  UF   ELECTRON RING ACCELERATORS
  GS   PARTICLE ACCELERATORS
       .CYCLIC ACCELERATORS
       ..SYNCHROTRONS
       ..#STORAGE RINGS (PARTICLE
          ACCELERATORS)
  RT % ACCELERATORS
     % RINGS
       SUPERCONDUCTING SUPER COLLIDER

STORAGE STABILITY
  0603 1103 2702
  GS   LIFE (DURABILITY)
       #STORAGE STABILITY
       STABILITY
       #STORAGE STABILITY
  RT   DECOMPOSITION
       LIQUID SLOSHING
       LONG TERM EFFECTS
       STATIC STABILITY
       SURFACE STABILITY
       THERMAL STABILITY

STORAGE TANKS
  1103 2702 3305
  GS   TANKS (CONTAINERS)
       #STORAGE TANKS
  RT   CRYOGENIC FLUID STORAGE
       CYLINDRICAL TANKS
       EXPULSION BLADDERS
       EXTERNAL TANKS
       FUEL TANKS
       PIPELINES
       PRESSURE VESSELS
       PROPELLANT TANKS
       SPACE STORAGE
       SPHERICAL TANKS
     % STORAGE
       TANK GEOMETRY
       UNDERGROUND STORAGE
       WING-FUSELAGE STORES

STORE RELEASE
  USE  EXTERNAL STORE SEPARATION

STORM DAMAGE
  1308 2003
  GS   DAMAGE
       #STORM DAMAGE
  RT   CYCLONES
       FLOOD CONTROL
```

FLOODS
GUSTS
HAILSTORMS
HURRICANES
LANDSLIDES
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOW COVER
STORM SURGES
STORMS
THUNDERSTORMS
TORNADOES
TROPICAL STORMS
TYPHOONS
WIND (METEOROLOGY)

STORM ENHANCEMENT
1308 2001 2003
GS WEATHER MODIFICATION
#STORM ENHANCEMENT
RT CLIMATOLOGY
HAILSTORMS
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOWSTORMS
STORMS
STORMS (METEOROLOGY)

STORM SUPPRESSION
1308 2001 2003
GS WEATHER MODIFICATION
#STORM SUPPRESSION
RT CLIMATOLOGY
HAILSTORMS
ICE PREVENTION
PRECIPITATION (METEOROLOGY)
RAINSTORMS
SNOWSTORMS
STORMS

STORM SURGES
1301
RT COASTS
HURRICANES
OCEAN SURFACE
OCEANOGRAPHY
STORM DAMAGE
STORMS (METEOROLOGY)
SURGES

STORMS
1308 2003 3009
GS #STORMS
.IONOSPHERIC STORMS
..SUDDEN IONOSPHERIC DISTURBANCES
.MAGNETIC STORMS
.NOISE STORMS
.SOLAR STORMS
.STORMS (METEOROLOGY)
..CYCLONES
...HURRICANES
....ANNA HURRICANE
...TYPHOONS
..DOWNBURSTS
...MICROBURSTS (METEOROLOGY)
..DUST STORMS
..HAILSTORMS
..POLAR SUBSTORMS
..RAINSTORMS
...THUNDERSTORMS
..SNOWSTORMS
..TORNADOES
..TROPICAL STORMS
...HURRICANES
....ANNA HURRICANE
...TYPHOONS
RT CLIMATOLOGY
COLD FRONTS
% DISTURBANCES
FLOOD DAMAGE
FLOODS
FRONTS (METEOROLOGY)
GUSTS
PRECIPITATION (METEOROLOGY)
SNOW COVER
SOLAR TERRESTRIAL INTERACTIONS
STORM DAMAGE
STORM ENHANCEMENT
STORM SUPPRESSION
SUDDEN STORM COMMENCEMENTS
WARM FRONTS
WEATHER FORECASTING
WIND (METEOROLOGY)

STORMS (METEOROLOGY)
2001 2003
GS STORMS
#STORMS (METEOROLOGY)
..CYCLONES
...HURRICANES
....ANNA HURRICANE
...TYPHOONS
..DOWNBURSTS
...MICROBURSTS (METEOROLOGY)
..DUST STORMS
..HAILSTORMS
..POLAR SUBSTORMS
..RAINSTORMS
...THUNDERSTORMS
..SNOWSTORMS
..TORNADOES
..TROPICAL STORMS
...HURRICANES
....ANNA HURRICANE
...TYPHOONS
RT ALPINE METEOROLOGY
CLIMATOLOGY
CYCLOGENESIS
FLIGHT CONDITIONS
FLOOD CONTROL
FLOOD DAMAGE
FLOOD PREDICTIONS
FLOODS
GROUND WIND
GUSTS
HAIL
ICE
METEOROLOGICAL PARAMETERS
METEOROLOGY
PRECIPITATION (METEOROLOGY)
SNOW
SNOW COVER
SQUALLS
STORM ENHANCEMENT
STORM SURGES
WATERSHEDS
WEATHER FORECASTING
WIND (METEOROLOGY)

STORMSAT SATELLITE
3107
UF SEVERE STORMS OBSERVING SATELLITE
GS ARTIFICIAL SATELLITES
.SYNCHRONOUS SATELLITES
.#STORMSAT SATELLITE
RT NASA PROGRAMS

STOSS-AND-LEE TOPOGRAPHY
USE GLACIAL DRIFT

STOVL AIRCRAFT
0201
UF SHORT TAKEOFF & VERTICAL LANDING AIRCRAFT
RT FIGHTER AIRCRAFT
LIFT AUGMENTATION
POWERED LIFT AIRCRAFT
SHORT TAKEOFF AIRCRAFT
V/STOL AIRCRAFT
VERTICAL LANDING

STOWAGE (ONBOARD EQUIPMENT)
1103 3104 3110
RT LOGISTICS
ONBOARD EQUIPMENT

PORTABLE EQUIPMENT
PROVISIONING
SPACE LOGISTICS
SPACE RATIONS
% STORAGE

STRAIGHT WINGS
USE RECTANGULAR WINGS

STRAIN AGING
USE PRECIPITATION HARDENING

STRAIN DISTRIBUTION
3203
GS DISTRIBUTION (PROPERTY)
#STRAIN DISTRIBUTION
RT CRACK PROPAGATION
DEFORMATION
ELASTIC DEFORMATION
FRACTURE MECHANICS
PLASTIC DEFORMATION
STRAIN MEASUREMENT
STRAIN RATE
STRESS CONCENTRATION
STRESS DISTRIBUTION
STRESS-STRAIN RELATIONSHIPS

STRAIN ENERGY METHODS
1704 3203
GS STRUCTURAL ANALYSIS
.ENERGY METHODS
.#STRAIN ENERGY METHODS
RT % ENERGY
% METHODOLOGY
SEISMIC ENERGY

STRAIN ENERGY RELEASE RATE
3203 3204
GS RATES (PER TIME)
#STRAIN ENERGY RELEASE RATE
RT ELASTIC DEFORMATION
ELASTIC PROPERTIES
RELAXATION (MECHANICS)
STRAIN RATE
STRESS RELAXATION

STRAIN FATIGUE
USE FATIGUE (MATERIALS)

STRAIN GAGE ACCELEROMETERS
1406 1413 2308 3203 3501
GS MEASURING INSTRUMENTS
.ACCELEROMETERS
.#STRAIN GAGE ACCELEROMETERS
RT PRESSURE GAGES

STRAIN GAGE BALANCES
1406 3203 3501
GS MEASURING INSTRUMENTS
.INDICATING INSTRUMENTS
..WEIGHT INDICATORS
..#STRAIN GAGE BALANCES
RT PRESSURE GAGES

STRAIN GAGES
1406 3203 3501
GS MEASURING INSTRUMENTS
#STRAIN GAGES
RT CABLE FORCE RECORDERS
DEFORMETERS
ELASTOMETERS
EXTENSOMETERS
FLIGHT LOAD RECORDERS
MECHANICAL MEASUREMENT
PIEZOELECTRIC GAGES
PRESSURE GAGES
ROSETTE SHAPES
SHOCK MEASURING INSTRUMENTS
STRAIN MEASUREMENT
STRESS MEASUREMENT
TEMPERATURE INVERSIONS
TENSOMETERS
TRANSDUCERS
WEIGHT INDICATORS

STRAIN HARDENING
1704 3203 3404
GS HARDENING (MATERIALS)
.WORK HARDENING
.#STRAIN HARDENING
RT AGING (MATERIALS)
AGING (METALLURGY)
PRECIPITATION HARDENING
RESIDUAL STRESS
SHOT PEENING
STRESS RELIEVING
TEMPERATURE INVERSIONS

STRAIN MEASUREMENT
1406 3501
RT % MEASUREMENT
SMART STRUCTURES
STRAIN DISTRIBUTION
STRAIN GAGES
STRAIN RATE
STRESS-STRAIN DIAGRAMS
STRESS-STRAIN RELATIONSHIPS
STRUCTURAL STRAIN

STRAIN RATE
3203 3204
GS RATES (PER TIME)
#STRAIN RATE
RT IMPACT TESTS
LOADING RATE
MECHANICAL PROPERTIES
STRAIN DISTRIBUTION
STRAIN ENERGY RELEASE RATE
STRAIN MEASUREMENT
TEMPERATURE INVERSIONS

STRAIN SOFTENING
USE PLASTIC DEFORMATION

STRAITS
1305 1306 1310
GS PASSAGEWAYS
#STRAITS
..TORRES STRAIT
RT CANALS
GIBRALTAR
LAKES
SEAS
WATER
WATERWAYS

STRAKES
0104
GS STRUCTURAL MEMBERS
#STRAKES
RT AERODYNAMIC CONFIGURATIONS
HULLS (STRUCTURES)
LONGERONS
METAL STRIPS
RECTANGULAR PANELS
REINFORCEMENT (STRUCTURES)
WATER TUNNEL TESTS

STRANDS
1305 1310
RT CABLES (ROPES)
CERAMIC FIBERS
CORDAGE
FIBERS
% FILAMENTS
MESH
YARNS

STRANGE ATTRACTORS
1902
RT CHAOS
FRACTALS
IMBEDDINGS (MATHEMATICS)
ITERATIVE SOLUTION
NONLINEAR SYSTEMS

NUMERICAL STABILITY
PERTURBATION THEORY
% PHYSICS
RECURSIVE FUNCTIONS
STATE VECTORS
THEORETICAL PHYSICS
TURBULENCE

STRANGENESS
2401 2403 2405
RT HYPERONS
MESONS
PARITY
QUANTUM MECHANICS

STRAPDOWN INERTIAL GUIDANCE
2102 2308
GS GUIDANCE (MOTION)
.INERTIAL GUIDANCE
.#STRAPDOWN INERTIAL GUIDANCE
RT INERTIAL NAVIGATION

STRAPS
0507 0508 1504 3404
RT ANCHORS (FASTENERS)
% BANDS
CLAMPS
FASTENERS
HOLDERS

STRATA
1306
UF STRATIFIED LAYERS
GS #STRATA
.SUBSTRATES
RT ANTICLINES
BEDROCK
BEDS (GEOLOGY)
CROSSBEDDING (GEOLOGY)
FLAT LAYERS
FOLDS (GEOLOGY)
GEOSYNCLINES
% LAYERS
STRATIFICATION
SYNCLINES
UNDERGROUND ACOUSTICS

STRATEGIC MATERIALS
0403
RT CHROMIUM
COBALT
MANGANESE
% MATERIALS
METALS
STOCKPILING
TECHNOLOGY ASSESSMENT

STRATEGY
1902 3401 3402
RT DECISION THEORY
DEPLOYMENT
ELECTRONIC WARFARE
GAME THEORY
% OPERATIONS
OPERATIONS RESEARCH
RISK
WARFARE

STRATIFICATION
1202 1301 1302 1306
GS #STRATIFICATION
.ATMOSPHERIC STRATIFICATION
.INTERCALATION
RT ANTICLINES
BEDROCK
CROSSBEDDING (GEOLOGY)
FLAT LAYERS
FOLDS (GEOLOGY)
GEOSYNCLINES
% LAYERS
STATIC STABILITY
STRATA
STRATIFIED FLOW
STRATIGRAPHY
SYNCLINES
TEMPERATURE GRADIENTS
THERMOCLINES

STRATIFIED FLOW
0101 1202 1203 2502
GS FLUID FLOW
.LAMINAR FLOW
.#STRATIFIED FLOW
RT BAROCLINIC WAVES
BAROCLINITY
COAXIAL FLOW
FLOW GEOMETRY
SHEAR FLOW
STRATIFICATION

STRATIFIED LAYERS
USE STRATA

STRATIGRAPHY
1305 1306
RT ANTICLINES
BEDROCK
BEDS (GEOLOGY)
CROSSBEDDING (GEOLOGY)
% FORMATION
FORMATIONS
GEOCHRONOLOGY
GEOLOGY
GEOPHYSICS
GEOSYNCLINES
HYDROGEOLOGY
MINES (EXCAVATIONS)
PALEONTOLOGY
PARTICLE TRACKS
PETROLOGY
PLATEAUS
REGOLITH
ROCKS
SEDIMENTARY ROCKS
STRATIFICATION
SYNCLINES
WELLS

STRATOCUMULUS CLOUDS
1301 2003
GS CLOUDS (METEOROLOGY)
#STRATOCUMULUS CLOUDS
RT CUMULUS CLOUDS
STRATUS CLOUDS

STRATOFORTRESS AIRCRAFT
USE B-52 AIRCRAFT

STRATOJET AIRCRAFT
USE B-47 AIRCRAFT

STRATOPAUSE
1302 2003 3009
SN (ALTITUDE APPROXIMATELY 50 KM)
GS EARTH ATMOSPHERE
.MIDDLE ATMOSPHERE
..STRATOSPHERE
..#STRATOPAUSE
RT MESOPAUSE
MESOSPHERE

STRATOSCOPE TELESCOPES
1308 1412 3009
UF STRATOSCOPE 1 TELESCOPE
STRATOSCOPE 2 TELESCOPE
GS TELESCOPES
.SPECTROSCOPIC TELESCOPES
.#STRATOSCOPE TELESCOPES
RT BALLOONS
REFLECTING TELESCOPES
REFRACTING TELESCOPES

STRATOSCOPE 1 TELESCOPE
USE STRATOSCOPE TELESCOPES

STRATOSCOPE 2 TELESCOPE
USE STRATOSCOPE TELESCOPES

STRATOSPHERE
1302 2003 3009
SN (ALTITUDE RANGE BETWEEN APPROXIMATELY 15 AND 50 KM)
GS EARTH ATMOSPHERE
.MIDDLE ATMOSPHERE
.#STRATOSPHERE
...OZONOSPHERE
...STRATOPAUSE
RT CHEMOSPHERE
HOMOSPHERE
ICE CLOUDS
ISOTHERMAL LAYERS
STRATOSPHERIC WARMING

STRATOSPHERE RADIATION
1302 2003 2903
GS ATMOSPHERIC RADIATION
#STRATOSPHERE RADIATION
RT CORPUSCULAR RADIATION
ELECTROMAGNETIC RADIATION
% RADIATION
SKY RADIATION
TROPOSPHERIC RADIATION

STRATOSPHERIC AEROSOL & GAS EXPERIMENT
USE SAGE SATELLITE

STRATOSPHERIC OBSERVATORY FOR IR ASTRONOMY
USE SOFIA (AIRBORNE OBSERVATORY)

STRATOSPHERIC WARMING
1302 2001 2003 3009
GS HEATING
.ATMOSPHERIC HEATING
.#STRATOSPHERIC WARMING
RT ANOMALOUS TEMPERATURE ZONES
ATMOSPHERIC HEAT BUDGET
ATMOSPHERIC TEMPERATURE
CLIMATE CHANGE
GLOBAL WARMING
ISOTHERMAL LAYERS
STRATOSPHERE

STRATOTANKER AIRCRAFT
USE C-135 AIRCRAFT

STRATUS CLOUDS
1302 2001 2003
GS CLOUDS (METEOROLOGY)
#STRATUS CLOUDS
RT FOG
NIMBOSTRATUS CLOUDS
STRATOCUMULUS CLOUDS

STREAK CAMERAS
1407 3501
GS OPTICAL EQUIPMENT
.CAMERAS
.#STREAK CAMERAS
PHOTOGRAPHIC EQUIPMENT
.CAMERAS
.#STREAK CAMERAS
RT CAMERA SHUTTERS
CINEMATOGRAPHY
LENSES

STREAK PHOTOGRAPHY
1407 3501
GS PHOTOGRAPHY
#STREAK PHOTOGRAPHY
RT CAMERAS
ELECTRO-OPTICAL PHOTOGRAPHY
HIGH SPEED CAMERAS
IMAGING TECHNIQUES

STREAM FUNCTIONS (FLUIDS)
1202 1203 2003
RT INCOMPRESSIBLE FLOW
POTENTIAL THEORY
STOKES-BELTRAMI EQUATION
STREAMS
TWO DIMENSIONAL FLOW

STREAMLINE FLOW
USE LAMINAR FLOW

STREAMLINED BODIES
0101 0102 0104 0201 3404
GS SYMMETRICAL BODIES
#STREAMLINED BODIES
..FAIRINGS
RT AERODYNAMIC CONFIGURATIONS
AIRFOILS
AXISYMMETRIC BODIES
% BODIES
BODIES OF REVOLUTION
MISSILE BODIES
OGIVES
SLENDER BODIES
STREAMLINING
TOWED BODIES

STREAMLINING
0101 0102 0201 1202 3404
RT ACOUSTIC STREAMING
AIR FLOW
AIRCRAFT DESIGN
AIRCRAFT STRUCTURES
AIRFOIL PROFILES
AIRFOILS
FAIRINGS
FLUID DYNAMICS
FRICTION REDUCTION
HELICOPTER DESIGN
HYDROFOILS
% PROFILES
SKIN FRICTION
STREAMLINED BODIES

STREAMS
1306 0201
GS #STREAMS
.GAS STREAMS
RT AIR FLOW
ALLUVIUM
AQUIFERS
DELAWARE RIVER BASIN (US)
FLUID FLOW
GAS FLOW
HYDROLOGY
HYDROLOGY MODELS
INTERNATIONAL HYDROLOGICAL DECADE
LAKE ERIE
LAKE HURON
LAKE MICHIGAN
LAKE ONTARIO
LAKE SUPERIOR
LIMNOLOGY
MEANDERS
RAPIDS
RESERVOIRS
RIVERS
STREAM FUNCTIONS (FLUIDS)
SURFACE WATER
SUSQUEHANNA RIVER BASIN (MD-NY-PA)
WADIS

STREETS
1101 1102 1104 3202 3401 3501
RT HIGHWAYS
INTERSECTIONS
PAVEMENTS
ROADS
% TUNNELS
URBAN PLANNING
URBAN RESEARCH

% STRENGTH
3408 0408
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS

LISTED BELOW)
RT COLD STRENGTH
COMPRESSIVE STRENGTH
CREEP RUPTURE STRENGTH
CREEP STRENGTH
DISPERSION STRENGTHENING
ELECTRIC FIELD STRENGTH
FIBER STRENGTH
FIELD STRENGTH
FRACTURE STRENGTH
HIGH STRENGTH
IMPACT STRENGTH
LOAD CARRYING CAPACITY
MECHANICAL PROPERTIES
MICROYIELD STRENGTH
MUSCULAR STRENGTH
NOTCH STRENGTH
RESIDUAL STRENGTH
SHEAR STRENGTH
TENSILE STRENGTH
WELD STRENGTH
YIELD STRENGTH

STRENGTH OF MATERIALS
USE MECHANICAL PROPERTIES

STREPTOCOCCUS
0407 0412
GS MICROORGANISMS
.BACTERIA
.#STREPTOCOCCUS

STREPTOMYCETES
0407 0412
GS MICROORGANISMS
.BACTERIA
.#STREPTOMYCETES

STREPTOMYCIN
0403 0405 0412
GS DRUGS
.ANTIBIOTICS
.#STREPTOMYCIN

% STRESS (BIOLOGY)
0408 0410
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT % BIOLOGY
PATHOLOGICAL EFFECTS
STRESS (PHYSIOLOGY)
STRESS (PSYCHOLOGY)

STRESS (PHYSIOLOGY)
0408
GS #STRESS (PHYSIOLOGY)
.ACCELERATION STRESSES (PHYSIOLOGY)
..CENTRIFUGING STRESS
RT ACCELERATION (PHYSICS)
ACCLIMATIZATION
AEROEMBOLISM
ANGINA PECTORIS
ANOXIA
BIODYNAMICS
DEPRIVATION
EXERCISE PHYSIOLOGY
FATIGUE (BIOLOGY)
FLIGHT STRESS (BIOLOGY)
GRAVITATIONAL PHYSIOLOGY
HOMEOSTASIS
HYPERKINESIA
HYPOXIA
LOWER BODY NEGATIVE PRESSURE
MUSCULAR FATIGUE
PALMAR SWEAT INDEX
PHYSIOLOGY
PRESSURE BREATHING
SPACE FLIGHT STRESS
% STRESS (BIOLOGY)
STRESS (PSYCHOLOGY)
UNDERWATER PHYSIOLOGY

STRESS (PSYCHOLOGY)
0408 0410
UF MENTAL STRESS
RT FATIGUE (BIOLOGY)
FLIGHT STRESS (BIOLOGY)
MENTAL PERFORMANCE
PALMAR SWEAT INDEX
PSYCHOLOGICAL EFFECTS
PSYCHOLOGICAL FACTORS
PSYCHOLOGY
SPACE FLIGHT STRESS
SPACE PSYCHOLOGY
% STRESS (BIOLOGY)
STRESS (PHYSIOLOGY)
WORKLOADS (PSYCHOPHYSIOLOGY)

STRESS ANALYSIS
0101 1106 3203 3501
UF STRESS CALCULATIONS
GS #STRESS ANALYSIS
.BOUNDARY ELEMENT METHOD
.SCHWARTZ METHOD
.X RAY STRESS ANALYSIS
RT AIRY FUNCTION
% ANALYZING
BENDING MOMENTS
BENDING THEORY
CASTIGLIANO VARIATIONAL THEOREM
COMBINED STRESS
CONSTRUCTION
CREEP ANALYSIS
DONNELL EQUATIONS
ENERGY METHODS
EULER BUCKLING
% FLIGHT STRESS
FRINGE MULTIPLICATION
INELASTIC STRESS
INFLUENCE COEFFICIENT
INTERFERENCE FIT
ISOPARAMETRIC FINITE ELEMENTS
MECHANICAL ENGINEERING
MICHELL THEOREM
MOIRE FRINGES
MOMENTS OF INERTIA
NASTRAN
PHOTOELASTIC ANALYSIS
PHOTOELASTICITY
REISSNER THEORY
S-N DIAGRAMS
SAINT VENANT PRINCIPLE
SHALLOW SHELL EQUATIONS
STRESSES
STRUCTURAL ANALYSIS
STRUCTURAL DESIGN
STRUCTURAL ENGINEERING
TEMPERATURE INVERSIONS

STRESS CALCULATIONS
USE STRESS ANALYSIS

STRESS CONCENTRATION
3203
GS DISTRIBUTION (PROPERTY)
.STRESS DISTRIBUTION
.#STRESS CONCENTRATION
RT COMBINED STRESS
CONCENTRATING
CRACK INITIATION
CRACKING (FRACTURING)
ELBER EQUATION
FATIGUE (MATERIALS)
FATIGUE TESTS
FORCE DISTRIBUTION
FRINGE MULTIPLICATION
HOLE DISTRIBUTION (MECHANICS)
HOLE GEOMETRY (MECHANICS)
IMPACT STRENGTH
IMPACT TESTS
LOADS (FORCES)
MECHANICAL PROPERTIES
MICROMECHANICS
MOIRE FRINGES

MOMENT DISTRIBUTION
NOTCH STRENGTH
NOTCH TESTS
PERFORATED PLATES
PERFORATED SHELLS
PLANE STRESS
SAINT VENANT PRINCIPLE
STRAIN DISTRIBUTION
STRESS-STRAIN RELATIONSHIPS
STRESSES
STRUCTURAL STRAIN

STRESS CORROSION
1702 1704 3203
GS CORROSION
#STRESS CORROSION
..STRESS CORROSION CRACKING
RT CRACKING (FRACTURING)
FRETTING CORROSION
INTERGRANULAR CORROSION
METAL FATIGUE
SALT SPRAY TESTS
TRANSGRANULAR CORROSION

STRESS CORROSION CRACKING
1702 1704 3204
GS CORROSION
.STRESS CORROSION
.#STRESS CORROSION CRACKING
FRACTURING
.CRACKING (FRACTURING)
.#STRESS CORROSION CRACKING
RT CORROSION TESTS
CRACK CLOSURE
CRACK INITIATION
CRACK PROPAGATION
METAL FATIGUE

STRESS CYCLES
1704 3203 3204
GS CYCLES
#STRESS CYCLES
MECHANICAL PROPERTIES
#STRESS CYCLES
RT CYCLIC LOADS
ELBER EQUATION
FATIGUE (MATERIALS)
FATIGUE LIFE
FATIGUE TESTS
S-N DIAGRAMS
STRESSES
VARIABLE AMPLITUDE LOADING

STRESS DISTRIBUTION
3203
UF STRESS FIELDS
GS DISTRIBUTION (PROPERTY)
#STRESS DISTRIBUTION
..STRESS CONCENTRATION
RT CRACK PROPAGATION
FORCE DISTRIBUTION
FRACTURE MECHANICS
INTERLAMINAR STRESS
STRAIN DISTRIBUTION
STRESS INTENSITY FACTORS
STRESS-STRAIN RELATIONSHIPS
TRANSVERSE LOADS

STRESS FIELDS
USE STRESS DISTRIBUTION

STRESS FUNCTIONS
3203
UF VON MISES THEORY
GS FUNCTIONS (MATHEMATICS)
#STRESS FUNCTIONS
RT FRACTURING

STRESS INTENSITY FACTORS
3203
RT BENDING THEORY
COMBINED STRESS
CRACK INITIATION
CRACK PROPAGATION
CRACKING (FRACTURING)
FORCE DISTRIBUTION
FRACTURE MECHANICS
HOLE GEOMETRY (MECHANICS)
LOADS (FORCES)
NOTCH STRENGTH
PLANE STRAIN
STRESS DISTRIBUTION
TENSILE STRESS

STRESS MEASUREMENT
1406 3203 3501
GS MECHANICAL MEASUREMENT
#STRESS MEASUREMENT
..X RAY STRESS MEASUREMENT
RT DEFORMETERS
EXTENSOMETERS
PHOTOELASTIC ANALYSIS
S-N DIAGRAMS
STRAIN GAGES
TENSOMETERS
VIBRATION MEASUREMENT

STRESS PROPAGATION
2311 3203
GS TRANSMISSION
#STRESS PROPAGATION
RT ELASTIC WAVES
PLASTIC DEFORMATION
% PROPAGATION

STRESS RATIO
3203
GS MECHANICAL PROPERTIES
#STRESS RATIO
RATIOS
#STRESS RATIO
RT FATIGUE (MATERIALS)
FATIGUE TESTS
MODULAR RATIOS
PRESSURE RATIO
S-N DIAGRAMS

STRESS RELAXATION
3203
GS MECHANICAL PROPERTIES
#STRESS RELAXATION
RELAXATION (MECHANICS)
#STRESS RELAXATION
RT ANELASTICITY
BORDONI PEAKS
CREEP ANALYSIS
CREEP DIAGRAMS
CREEP PROPERTIES
DUCTILITY
FATIGUE (MATERIALS)
PLASTIC DEFORMATION
PLASTIC FLOW
PLASTIC MEMORY
PLASTIC PROPERTIES
% RECOVERY
RESIDUAL STRESS
SHEAR PROPERTIES
STRAIN ENERGY RELEASE RATE
STRESSES
TEMPERATURE INVERSIONS

STRESS RELIEVING
3203
GS HEAT TREATMENT
#STRESS RELIEVING
RELIEVING
#STRESS RELIEVING
RT ALLOYS
ANNEALING
FATIGUE (MATERIALS)
% RECOVERY
RESIDUAL STRESS
STABILIZATION
STRAIN HARDENING
TEMPERING

```
STRESS RUPTURE STRENGTH
  USE  CREEP RUPTURE STRENGTH

STRESS TENSORS
  1202 3203
  GS   ALGEBRA
       .TENSORS
       .#STRESS TENSORS
  RT   CONTINUUM MECHANICS
       ELASTIC PROPERTIES
       FRACTURE MECHANICS
       PLASTIC PROPERTIES
       STRUCTURAL DESIGN

STRESS WAVES
  0710 1202 3203
  GS   ELASTIC WAVES
       #STRESS WAVES
  RT   ACOUSTIC EMISSION
       SHOCK LAYERS
       SHOCK WAVES
       STRESSES
       TEMPERATURE INVERSIONS
       WAVE PROPAGATION
     % WAVES

STRESS-STRAIN DIAGRAMS
  3203 3404
  GS   DIAGRAMS
       #STRESS-STRAIN DIAGRAMS
  RT   AXIAL STRAIN
       HOOKES LAW
       INELASTIC STRESS
       MODULUS OF ELASTICITY
       POISSON RATIO
       PROPORTIONAL LIMIT
       SHAPE MEMORY ALLOYS
       SHEAR PROPERTIES
       STRAIN MEASUREMENT
       STRUCTURAL STRAIN
       YIELD STRENGTH

STRESS-STRAIN RELATIONSHIPS
  3203
  RT   ELASTIC DEFORMATION
       INTERLAMINAR STRESS
       PLANE STRAIN
       PLASTIC DEFORMATION
     % RELATIONSHIPS
       RESIDUAL STRESS
       STRAIN DISTRIBUTION
       STRAIN MEASUREMENT
       STRESS CONCENTRATION
       STRESS DISTRIBUTION
       STRUCTURAL STRAIN
       YIELD STRENGTH

STRESS-STRAIN-TIME RELATIONS
  1809 3203
  RT   CREEP DIAGRAMS
       NEWTONIAN FLUIDS
       THERMOVISCOELASTICITY

STRESSED-SKIN STRUCTURES
  0102 0104 0202 3110 3203
  RT   MONOCOQUE STRUCTURES
       SKIN (STRUCTURAL MEMBER)
       SPHERICAL SHELLS
     % STRUCTURES
       THIN WALLED SHELLS

STRESSES
  0408 1505 1704 2311 3203
  GS  #STRESSES
       .AXIAL STRESS
       .COMBINED STRESS
       .CRITICAL LOADING
       .INTERLAMINAR STRESS
       .PHOTOSTRESSES
       .PLANE STRESS
       .RESIDUAL STRESS
       .REYNOLDS STRESS
       .SHEAR STRESS
       ..TORSIONAL STRESS
       .TENSILE STRESS
       .THERMAL STRESSES
       .TRIAXIAL STRESSES
       .VIBRATIONAL STRESS
  RT   BUCKLING
       CRACKS
       CREEP PROPERTIES
       DESTRUCTION
       FATIGUE (MATERIALS)
     % FLIGHT STRESS
       IMPACT
       LOADS (FORCES)
       MECHANICAL PROPERTIES
       MICROYIELD STRENGTH
       PRESTRESSING
       ROLLING CONTACT LOADS
       SHEAR PROPERTIES
       STRESS ANALYSIS
       STRESS CONCENTRATION
       STRESS CYCLES
       STRESS RELAXATION
       STRESS WAVES
       STRUCTURAL STRAIN
       TEMPERATURE INVERSIONS
       TRANSVERSE LOADS
       TRIBOLUMINESCENCE
       X RAY STRESS ANALYSIS
       YIELD STRENGTH

STRETCH FORMING
  1507 1704 1809 2303
  RT   BULGING
       COLD WORKING
     % DRAWING
       METAL DRAWING
       METAL WORKING
       STRETCHING

STRETCHERS
  0405
  GS   MEDICAL EQUIPMENT
       #STRETCHERS
  RT   FIRST AID

STRETCHING
  1704 1809 3203
  UF   DILATATION
  RT   COLD WORKING
       DEEP DRAWING
       DILATATIONAL WAVES
       DISTORTION
     % DRAWING
       DUCTILITY
       ELASTIC DEFORMATION
       ELONGATION
       METAL WORKING
       PLASTIC DEFORMATION
       STRETCH FORMING
       TEMPERING
     % TENSION
       WINDING

STRIATION
  0404 0408
  RT   GROOVING
       MUSCULOSKELETAL SYSTEM
       RIBLETS
       SHATTER CONES

STRING THEORY
  2311
  SN   (DOES NOT INCLUDE CLASSICAL STRING
       THEORY)
  UF   SUPERSTRING THEORY
  RT   BOSONS
       COSMOLOGY
       FIELD THEORY (PHYSICS)
       GAUGE THEORY
       GRAND UNIFIED THEORY
       GRAVITATION THEORY
```

PARTICLE THEORY
QUANTUM CHROMODYNAMICS
QUANTUM THEORY
RELATIVITY
SUPERSYMMETRY
THEORETICAL PHYSICS
UNIFIED FIELD THEORY

STRINGERS
0102 0104 2806 3202 3203
GS STRUCTURAL MEMBERS
#STRINGERS
RT LONGERONS
REINFORCEMENT (STRUCTURES)
STRUCTURAL STABILITY

STRINGS
0202 1103 1504 1807 1811
RT ASSEMBLIES
CORDAGE

% STRIP
1101 1102 1104 1507 1704
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT AIRPORTS
CIRCUITS
DISPLAY DEVICES
METAL STRIPS
RIBBONS
RUNWAYS

STRIP MINING
1306 3404
GS MINING
#STRIP MINING
RT CLAYS
COAL
EARTH RESOURCES
EXCAVATION
EXPLOITATION
LUNAR MINING
MINERAL DEPOSITS
MINES (EXCAVATIONS)
SOILS

STRIP TRANSMISSION LINES
0702 0710
GS TRANSMISSION LINES
#STRIP TRANSMISSION LINES
..MICROSTRIP TRANSMISSION LINES
RT ANTENNA FEEDS
TRANSMISSION CIRCUITS

% STRIPPING
0602 1504
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT ANODIC STRIPPING
ION STRIPPING
PEELING
STRIPPING (DISTILLATION)

STRIPPING (DISTILLATION)
0602
GS DISTILLATION
#STRIPPING (DISTILLATION)
RT % SEPARATION
% STRIPPING
VAPORIZING

STROBOSCOPES
1406 1504 2310
GS OPTICAL EQUIPMENT
#STROBOSCOPES
RT BALLISTIC CAMERAS
HIGH SPEED CAMERAS
OPTICAL MEASUREMENT
SYNCHRONISM
TIME MEASUREMENT
VELOCITY MEASUREMENT

STROKE VOLUME
0405 0408
GS OUTPUT
.CARDIAC OUTPUT
.#STROKE VOLUME
RT BLOOD VOLUME
CARDIOVASCULAR SYSTEM
HEART FUNCTION
HEART RATE
PHYSIOLOGICAL TESTS

% STROKES
0404 0408 0602 1504 3406
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
RT CEREBRAL VASCULAR ACCIDENTS
THERMODYNAMIC CYCLES

STROKING TESTS
1106 1108 1504 1505 3501
GS VIBRATION TESTS
.DAMPING TESTS
.#STROKING TESTS
RT DYNAMIC RESPONSE
% FREQUENCY RESPONSE
MODAL RESPONSE
SHOCK SPECTRA
STRUCTURAL VIBRATION
% TESTS
TRANSIENT RESPONSE
WAVE EXCITATION

STRONG INTERACTIONS (FIELD THEORY)
1902 3009
GS FIELD THEORY (PHYSICS)
#STRONG INTERACTIONS (FIELD THEORY)
PARTICLE INTERACTIONS
.ELEMENTARY PARTICLE INTERACTIONS
..HIGH ENERGY INTERACTIONS
..#STRONG INTERACTIONS (FIELD
THEORY)
RT GRAND UNIFIED THEORY
% INTERACTIONS
NUCLEAR INTERACTIONS
NUCLEAR REACTIONS
% THEORIES
WEAK INTERACTIONS (FIELD THEORY)

STRONGLY COUPLED PLASMAS
2501
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
...PLASMAS (PHYSICS)
....COLLISIONAL PLASMAS
....#STRONGLY COUPLED PLASMAS
....DENSE PLASMAS
....#STRONGLY COUPLED PLASMAS
RT CONTROLLED FUSION
COSMIC PLASMA
COUPLED MODES
HIGH TEMPERATURE PLASMAS
INERTIAL CONFINEMENT FUSION
MAGNETOHYDRODYNAMIC STABILITY
PLASMA COMPRESSION
PLASMA CONDUCTIVITY
PLASMA DENSITY
PLASMA EQUILIBRIUM
PLASMA FOCUS

STRONTIUM
1703
GS CHEMICAL ELEMENTS
#STRONTIUM
..STRONTIUM ISOTOPES
...STRONTIUM 85
...STRONTIUM 87
...STRONTIUM 89
...STRONTIUM 90
METALS

```
      #STRONTIUM
      ..STRONTIUM ISOTOPES
      ...STRONTIUM 85
      ...STRONTIUM 87
      ...STRONTIUM 89
      ...STRONTIUM 90

STRONTIUM BROMIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .BROMINE COMPOUNDS
       ..BROMIDES
       ..#STRONTIUM BROMIDES
       .HALIDES
       ..BROMIDES
       ..#STRONTIUM BROMIDES
       ..METAL HALIDES
       ..#STRONTIUM BROMIDES
       STRONTIUM COMPOUNDS
       #STRONTIUM BROMIDES

STRONTIUM COMPOUNDS
  0603 1804
  GS  #STRONTIUM COMPOUNDS
       .STRONTIUM BROMIDES
       .STRONTIUM FLUORIDES
       .STRONTIUM OXIDES
       .STRONTIUM SULFIDES
       .STRONTIUM TITANATES
       .STRONTIUM ZIRCONATES
  RT % ALKALINE EARTH COMPOUNDS
     % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

STRONTIUM FLUORIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORIDES
       ...METAL FLUORIDES
       ...#STRONTIUM FLUORIDES
       STRONTIUM COMPOUNDS
       #STRONTIUM FLUORIDES

STRONTIUM ISOTOPES
  2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#STRONTIUM ISOTOPES
       ....STRONTIUM 85
       ....STRONTIUM 87
       ....STRONTIUM 89
       ....STRONTIUM 90
       .STRONTIUM
       .#STRONTIUM ISOTOPES
       ...STRONTIUM 85
       ...STRONTIUM 87
       ...STRONTIUM 89
       ...STRONTIUM 90
       METALS
       .STRONTIUM
       .#STRONTIUM ISOTOPES
       ...STRONTIUM 85
       ...STRONTIUM 87
       ...STRONTIUM 89
       ...STRONTIUM 90

STRONTIUM OXIDES
  1801 2302 2303
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ..#STRONTIUM OXIDES
       STRONTIUM COMPOUNDS
       #STRONTIUM OXIDES
  RT % ALKALINE EARTH COMPOUNDS
       BSCCO SUPERCONDUCTORS
     % CHEMICAL COMPOUNDS
       HIGH TEMPERATURE SUPERCONDUCTORS
     % METAL COMPOUNDS
       MIXED OXIDES
       SUPERCONDUCTORS

STRONTIUM SULFIDES
  0603 1804
  GS   CHALCOGENIDES
       .SULFIDES
       ..INORGANIC SULFIDES
       ..#STRONTIUM SULFIDES
       STRONTIUM COMPOUNDS
       #STRONTIUM SULFIDES
       SULFUR COMPOUNDS
       .SULFIDES
       ..INORGANIC SULFIDES
       ..#STRONTIUM SULFIDES

STRONTIUM TITANATES
  0603 1804
  GS   STRONTIUM COMPOUNDS
       #STRONTIUM TITANATES
       TITANIUM COMPOUNDS
       .TITANATES
       .#STRONTIUM TITANATES

STRONTIUM ZIRCONATES
  0603 1804
  GS   STRONTIUM COMPOUNDS
       #STRONTIUM ZIRCONATES
       ZIRCONIUM COMPOUNDS
       .ZIRCONATES
       .#STRONTIUM ZIRCONATES

STRONTIUM 85
  2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ...#STRONTIUM 85
       ...STRONTIUM ISOTOPES
       ...#STRONTIUM 85
       .STRONTIUM
       ..STRONTIUM ISOTOPES
       ..#STRONTIUM 85
       METALS
       .STRONTIUM
       ..STRONTIUM ISOTOPES
       ..#STRONTIUM 85

STRONTIUM 87
  1703
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ...STRONTIUM ISOTOPES
       ...#STRONTIUM 87
       .STRONTIUM
       ..STRONTIUM ISOTOPES
       ..#STRONTIUM 87
       METALS
       .STRONTIUM
       ..STRONTIUM ISOTOPES
       ..#STRONTIUM 87

STRONTIUM 88
  2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ...#STRONTIUM 88

STRONTIUM 89
  1703 2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ...#STRONTIUM 89
       ...STRONTIUM ISOTOPES
       ...#STRONTIUM 89
       .STRONTIUM
       ..STRONTIUM ISOTOPES
       ..#STRONTIUM 89
```

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        METALS
        .STRONTIUM
        ..STRONTIUM ISOTOPES
        ..#STRONTIUM 89

STRONTIUM 90
  1703 2406
  GS    CHEMICAL ELEMENTS
        .NUCLIDES
        ..ISOTOPES
        ...RADIOACTIVE ISOTOPES
        ...#STRONTIUM 90
        ...STRONTIUM ISOTOPES
        ...#STRONTIUM 90
        .STRONTIUM
        ..STRONTIUM ISOTOPES
        ..#STRONTIUM 90
        METALS
        .STRONTIUM
        ..STRONTIUM ISOTOPES
        ..#STRONTIUM 90

STROUHAL NUMBER
  0101 1202
  GS    RATIOS
        .DIMENSIONLESS NUMBERS
        .#STROUHAL NUMBER
  RT    BACKWASH
        BUFFETING
        FLOW CHARACTERISTICS
        FLOW DISTRIBUTION
        FLOW STABILITY
        FROUDE NUMBER
        OSCILLATING FLOW
        SLIPSTREAMS
        TURBULENCE
        UNSTEADY FLOW
        VORTICES
        WAKES

STRUCTURAL ANALYSIS
  3203
  UF    MEMBRANE ANALOGY
        MEMBRANE THEORY
  GS   #STRUCTURAL ANALYSIS
        .DYNAMIC STRUCTURAL ANALYSIS
        .ENERGY METHODS
        ..BERNSTEIN ENERGY PRINCIPLE
        ..STRAIN ENERGY METHODS
        .EQUILIBRIUM METHODS
        .FLUTTER ANALYSIS
        .MATRIX METHODS
  RT % ANALYZING
        CASTIGLIANO VARIATIONAL THEOREM
        CONSTRUCTION
        CONTINUUM MODELING
        CREEP ANALYSIS
        HOLE GEOMETRY (MECHANICS)
        INFLUENCE COEFFICIENT
        J INTEGRAL
        LOADING MOMENTS
        MEGAMECHANICS
        MICHELL THEOREM
        MODULAR RATIOS
        MOMENT DISTRIBUTION
        NASTRAN
        ORBITAL SPACE TESTS
        PATCH TESTS
        PLATE THEORY
        SHAPE FUNCTIONS
        SOLID MECHANICS
        STIFFNESS MATRIX
        STRESS ANALYSIS

STRUCTURAL BASINS
  1305 1306
  UF    BASINS
        CLOSED BASINS
        DEPRESSIONS (TOPOGRAPHY)
        SINKS (GEOLOGY)
  GS    LANDFORMS
        #STRUCTURAL BASINS
        ..CIRQUES (LANDFORMS)
        ..GREAT BASIN (US)
        ..KALAHARI BASIN (AFRICA)
        ..KARST
        ...SINKHOLES
        ..KETTLES (GEOLOGY)
        ..LAKE CHAMPLAIN BASIN (NY-VT)
        ..RIVER BASINS
        ...ATCHAFALAYA RIVER BASIN (LA)
        ...CHENA RIVER BASIN (AK)
        ...COLUMBIA RIVER BASIN (ID-OR-WA)
        ...DELAWARE RIVER BASIN (US)
        ...FEATHER RIVER BASIN (CA)
        ...MISSOURI RIVER BASIN (US)
        ...SUSQUEHANNA RIVER BASIN
           (MD-NY-PA)
        ...WABASH RIVER BASIN (IL-IN-OH)
        ...WADIS
        ..WATERSHEDS
        ..WILLISTON BASIN (NORTH AMERICA)
  RT    GEOLOGY
        SEAMOUNTS
        VALLEYS

STRUCTURAL BEAMS
  USE   BEAMS (SUPPORTS)

STRUCTURAL DESIGN
  3203 4001
  GS   #STRUCTURAL DESIGN
        .PRESSURE VESSEL DESIGN
  RT    AEROELASTIC RESEARCH WINGS
        AIRCRAFT DESIGN
        AIRFRAME MATERIALS
        ARCHITECTURE
        BREAKWATERS
        COMPUTER AIDED DESIGN
        CONSTRUCTION
     % DESIGN
        HELICOPTER DESIGN
        LOFTING
        MISSILE DESIGN
        PLANT DESIGN
        PRODUCT DEVELOPMENT
        SATELLITE DESIGN
        SHIP HULLS
        SHOCK SPECTRA
        SPACE STATION STRUCTURES
        SPACECRAFT DESIGN
        SPACECRAFT STRUCTURES
        STRESS ANALYSIS
        STRESS TENSORS
        SUBSTRUCTURES
        UNDERWATER STRUCTURES
        WEIGHT REDUCTION

STRUCTURAL DESIGN CRITERIA
  3203
  GS    CRITERIA
        #STRUCTURAL DESIGN CRITERIA
  RT    AERODYNAMIC LOADS
        AXIAL COMPRESSION LOADS
        AXIAL LOADS
        BENDING MOMENTS
        COMPRESSION LOADS
        CYCLIC LOADS
     % DESIGN
        DYNAMIC LOADS
        GEOTECHNICAL ENGINEERING
        GUST LOADS
        IMPACT LOADS
        LANDING LOADS
        LOADS (FORCES)
        MASS DISTRIBUTION
        MOMENT DISTRIBUTION
        PRESSURE DISTRIBUTION
        RANDOM LOADS
        ROLLING CONTACT LOADS
        SHOCK LOADS
        STATIC LOADS
        THRUST LOADS
        TRANSIENT LOADS
        VIBRATORY LOADS
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STRUCTURAL DYNAMICS
  USE  DYNAMIC STRUCTURAL ANALYSIS

STRUCTURAL ENGINEERING
  3203 3404
  RT   AERONAUTICAL ENGINEERING
       AEROSPACE ENGINEERING
       CONSTRUCTION
     % ENGINEERING
       GEOTECHNICAL ENGINEERING
       MEGAMECHANICS
       MODULAR RATIOS
       SMART STRUCTURES
       STRESS ANALYSIS

STRUCTURAL FAILURE
  1702 3201 3203
  GS   FAILURE
       #STRUCTURAL FAILURE
  RT   BENDING
       BUCKLING
       COLLAPSE
       CRACKING (FRACTURING)
       CREEP PROPERTIES
       DEFORMATION
       FATIGUE (MATERIALS)
       FRACTURING
       LOAD CARRYING CAPACITY
       MECHANICAL PROPERTIES
       SYSTEM FAILURES

STRUCTURAL FATIGUE
  USE  FATIGUE (MATERIALS)

STRUCTURAL FOUNDATIONS
  USE  FOUNDATIONS

STRUCTURAL INFLUENCE COEFFICIENTS
  1809 3203
  UF   SIC (COEFFICIENT)
  GS   COEFFICIENTS
       .INFLUENCE COEFFICIENT
       .#STRUCTURAL INFLUENCE COEFFICIENTS

STRUCTURAL MATERIALS
  USE  CONSTRUCTION MATERIALS

STRUCTURAL MEMBERS
  3202 3203
  GS  #STRUCTURAL MEMBERS
       .BEAMS (SUPPORTS)
       ..BOX BEAMS
       ..CANTILEVER BEAMS
       ..CURVED BEAMS
       ..I BEAMS
       ..RECTANGULAR BEAMS
       ..TIMOSHENKO BEAMS
       .COLUMNS (SUPPORTS)
       ..TAPERED COLUMNS
       .FLAT PLATES
       .GIRDERS
       .LONGERONS
       .MEMBRANE STRUCTURES
       ..SKIN (STRUCTURAL MEMBER)
       .PLATES (STRUCTURAL MEMBERS)
       ..ANISOTROPIC PLATES
       ..ANNULAR PLATES
       ..CANTILEVER PLATES
       ..CIRCULAR PLATES
       ..CORRUGATED PLATES
       ..ELASTIC PLATES
       ..END PLATES
       ..GIRDER WEBS
       ..METAL PLATES
       ...BOILER PLATE
       ..ORTHOTROPIC PLATES
       ..PERFORATED PLATES
       ..PLASTIC PLATES
       ..POROUS PLATES
       ..RECTANGULAR PLATES
       ..REINFORCED PLATES
       .SADDLES (SUPPORTS)
       .STRAKES
       .STRINGERS
       .STRUTS
       .TRUSSES
       .WING PANELS
  RT   AIRCRAFT CONSTRUCTION MATERIALS
       AIRFRAME MATERIALS
       BARS
     % CHANNELS
     % COMPONENTS
       CONCRETES
       CONSTRUCTION
     % CONSTRUCTION MATERIALS
       FASTENERS
       FOUNDATIONS
       GUY WIRES
       JOINTS (JUNCTIONS)
       MASONRY
       PYLON MOUNTING
       PYLONS
       RECTANGULAR PANELS
       REINFORCEMENT (STRUCTURES)
       RODS
       SLABS
       SMART STRUCTURES
       STIFFNESS MATRIX
     % STRUCTURES
       SUBSTRUCTURES
       THICK WALLS

STRUCTURAL PROPERTIES (GEOLOGY)
  1306
  UF   LINEAMENT
  GS   GEOLOGY
       #STRUCTURAL PROPERTIES (GEOLOGY)
  RT   EARTH CORE
       EARTH CRUST
       EARTH MANTLE
       EARTH PLANETARY STRUCTURE
       EARTH SURFACE
       FISSURES (GEOLOGY)
       GEOPHYSICS
       GREAT BASIN (US)
       HYDROLOGY
       INLIERS (LANDFORMS)
       LANDFORMS
       PLANETARY COMPOSITION
       PLATES (TECTONICS)
     % PROPERTIES
       ROCK MECHANICS
       SHATTER CONES
       SINKHOLES
       SUBDUCTION (GEOLOGY)

STRUCTURAL RELIABILITY
  0101 1505 3203
  GS   RELIABILITY
       #STRUCTURAL RELIABILITY
  RT   AIRCRAFT RELIABILITY
       COMPONENT RELIABILITY
       CUMULATIVE DAMAGE
       QUALITY CONTROL

STRUCTURAL RIGIDITY
  USE  STRUCTURAL STABILITY

STRUCTURAL STABILITY
  0101 3203
  UF   STRUCTURAL RIGIDITY
  GS   MECHANICAL PROPERTIES
       .DIMENSIONAL STABILITY
       .#STRUCTURAL STABILITY
       ...SHELL STABILITY
       STABILITY
       .STATIC STABILITY
       ..DIMENSIONAL STABILITY
       ..#STRUCTURAL STABILITY
       ....SHELL STABILITY
  RT   AIRCRAFT STABILITY
       COMBUSTION VIBRATION
       HYBRID STRUCTURES
       LOAD CARRYING CAPACITY
```

LONGERONS
PLASTIC PROPERTIES
REINFORCEMENT (STRUCTURES)
RESONANCE TESTING
% RIGIDITY
STIFFNESS
STRINGERS
WAVE RESISTANCE

STRUCTURAL STRAIN
0101 3203 3204
GS FATIGUE (MATERIALS)
#STRUCTURAL STRAIN
RT AXIAL STRAIN
BENDING
BUCKLING
CRACKING (FRACTURING)
DEFLECTION
DEFORMATION
ELASTIC DEFORMATION
FAILURE
LOAD CARRYING CAPACITY
MOMENTS OF INERTIA
PLASTIC DEFORMATION
PRESTRESSING
REINFORCEMENT (STRUCTURES)
RUPTURING
SHEAR STRAIN
SHEARING
STRAIN MEASUREMENT
STRESS CONCENTRATION
STRESS-STRAIN DIAGRAMS
STRESS-STRAIN RELATIONSHIPS
STRESSES
SYSTEM FAILURES
TEMPERATURE INVERSIONS
TWISTING
VOLUMETRIC STRAIN
WARPAGE

STRUCTURAL VIBRATION
2301 2312 3203
GS VIBRATION
#STRUCTURAL VIBRATION
..BENDING VIBRATION
..BREATHING VIBRATION
..FLUTTER
...PANEL FLUTTER
...SUBSONIC FLUTTER
...SUPERSONIC FLUTTER
...TRANSONIC FLUTTER
..LINEAR VIBRATION
..MISSILE VIBRATION
..SELF INDUCED VIBRATION
...PANEL FLUTTER
...SUBSONIC FLUTTER
...SUPERSONIC FLUTTER
...TRANSONIC FLUTTER
..TORSIONAL VIBRATION
RT AIRFOIL OSCILLATIONS
EARTHQUAKE RESISTANT STRUCTURES
FLEXIBLE SPACECRAFT
FLUTTER ANALYSIS
GYRODAMPERS
RANDOM VIBRATION
RESONANT VIBRATION
ROTOR DYNAMICS
SHAKING
SHOCK SPECTRA
STROKING TESTS
VIBRATION TESTS

STRUCTURAL WEIGHT
1406 3203 3501
GS WEIGHT (MASS)
#STRUCTURAL WEIGHT
RT MASS RATIOS
NEW MOONS PROJECT
WEIGHT ANALYSIS
WEIGHT REDUCTION

STRUCTURED PROGRAMMING
0802
GS COMPUTER PROGRAMMING
#STRUCTURED PROGRAMMING
RT COMPUTER AIDED DESIGN
COMPUTER PROGRAMS
DATA STRUCTURES
% PROGRAMMING
PROGRAMMING LANGUAGES
SOFTWARE ENGINEERING

% STRUCTURES
2311 2401 2404 2601 3202 3203
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AIRCRAFT STRUCTURES
ARCHITECTURE
ATOMIC STRUCTURE
BREAKWATERS
BRIDGES (STRUCTURES)
COMPOSITE STRUCTURES
CONCRETE STRUCTURES
CONFIGURATION INTERACTION
CRYSTAL STRUCTURE
EARTH PLANETARY STRUCTURE
EARTHQUAKE RESISTANT STRUCTURES
EXPANDABLE STRUCTURES
FINE STRUCTURE
FOLDING STRUCTURES
FOUNDATIONS
FRAMES
GALACTIC STRUCTURE
HONEYCOMB STRUCTURES
HYBRID STRUCTURES
HYPERFINE STRUCTURE
INFLATABLE STRUCTURES
INTRAMOLECULAR STRUCTURES
ISOTENSOID STRUCTURES
LARGE SPACE STRUCTURES
MEMBRANE STRUCTURES
MICROSTRUCTURE
MISSILE STRUCTURES
MOLECULAR STRUCTURE
MONOCOQUE STRUCTURES
PLANAR STRUCTURES
REDUNDANT COMPONENTS
RIGID STRUCTURES
RING STRUCTURES
SANDWICH STRUCTURES
SMART STRUCTURES
SPACE ERECTABLE STRUCTURES
SPACE STATION STRUCTURES
SPACECRAFT STRUCTURES
STEEL STRUCTURES
STELLAR STRUCTURE
STRESSED-SKIN STRUCTURES
STRUCTURAL MEMBERS
SUBSTRUCTURES
TANKS (CONTAINERS)
TOWERS
TRUSSES
UNIMOLECULAR STRUCTURES
VARIABLE GEOMETRY STRUCTURES
WELDED STRUCTURES
WOODEN STRUCTURES

STRUTS
1204 3202 3203
GS STRUCTURAL MEMBERS
#STRUTS
RT CHASSIS
COLUMNS (SUPPORTS)
FRAMES
PYLONS
SUPPORTS
TRUSSES

STRYCHNINE
0405 0409 0412
GS BASES (CHEMICAL)
.ALKALOIDS
.#STRYCHNINE
NITROGEN COMPOUNDS

.ALKALOIDS
.#STRYCHNINE
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...ALKALOIDS
...#STRYCHNINE
POISONS
#STRYCHNINE
RT STIMULANTS

STS
USE SPACE TRANSPORTATION SYSTEM

STS-1
USE SPACE TRANSPORTATION SYSTEM 1
FLIGHT

STS-2
USE SPACE TRANSPORTATION SYSTEM 2
FLIGHT

STS-3
USE SPACE TRANSPORTATION SYSTEM 3
FLIGHT

STS-4
USE SPACE TRANSPORTATION SYSTEM 4
FLIGHT

STUDENTS
0410 0502 3406
UF TRAINEES
RT EDUCATION
INSTRUCTORS
LEARNING
TRAINING EVALUATION
UNIVERSITIES

STUDIES
USE INVESTIGATION

STUDS (STRUCTURAL MEMBERS)
1504
RT ANCHORS (FASTENERS)
BOLTS
COLUMNS (SUPPORTS)
FASTENERS
HOLDERS
LUGS
PINS
SCREWS
WALLS

STUNT FLYING
USE AEROBATICS

STURM-LIOUVILLE OPERATOR
USE STURM-LIOUVILLE THEORY

STURM-LIOUVILLE THEORY
1902 2311
UF STURM-LIOUVILLE OPERATOR
GS ANALYSIS (MATHEMATICS)
.REAL VARIABLES
.#STURM-LIOUVILLE THEORY
RT DIFFERENTIAL EQUATIONS
LAMB WAVES
LAME WAVE EQUATIONS
% THEORIES

STYLUSES
USE PENS

STYPHNATES
3302
GS EXPLOSIVES
#STYPHNATES
RT % CHEMICAL COMPOUNDS
% INITIATORS
INITIATORS (EXPLOSIVES)

STYRENES
1808 1810
GS #STYRENES
.POLYSTYRENE
..STYROFOAM (TRADEMARK)
RT BUNA (TRADEMARK)

STYROFOAM (TRADEMARK)
1808 1809 1810
GS PLASTICS
.POLYSTYRENE
.#STYROFOAM (TRADEMARK)
STYRENES
.POLYSTYRENE
.#STYROFOAM (TRADEMARK)
RT FOAMS
% POLYMERS

SUBARCTIC REGIONS
1305 1308 2003
GS REGIONS
#SUBARCTIC REGIONS
RT ARCTIC REGIONS

SUBASSEMBLIES
1504 2806
UF SUBCIRCUITS
GS ASSEMBLIES
#SUBASSEMBLIES
RT ACCESSORIES
% COMPONENTS

SUBAUDIBLE FREQUENCIES
2301
GS FREQUENCIES
#SUBAUDIBLE FREQUENCIES
RANGE (EXTREMES)
.FREQUENCY RANGES
.#SUBAUDIBLE FREQUENCIES
RT ACOUSTIC FREQUENCIES
FREQUENCY DISTRIBUTION
HARMONICS
ZERO SOUND

SUBCARRIER WAVES
USE CARRIER WAVES

SUBCIRCUITS
USE CIRCUITS
SUBASSEMBLIES

SUBCONTRACTS
1106 3401 3402 3406 3409 4001
GS CONTRACTS
#SUBCONTRACTS
RT AGREEMENTS
CONTRACT MANAGEMENT
CONTRACT NEGOTIATION
CONTRACTORS
ESTIMATES
GRANTS
OPTIONS
PROCUREMENT

SUBCRITICAL FLOW
1202 1203
GS FLUID FLOW
#SUBCRITICAL FLOW
RT CRITICAL FLOW
FLOW CHARACTERISTICS
GAS FLOW
LIQUID FLOW
MULTIPHASE FLOW
ORIFICE FLOW
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUPERCRITICAL FLOW
TURBULENT FLOW
UNIFORM FLOW
UNSTEADY FLOW

```
SUBCRITICAL MASS
  2311 2405
  GS   MASS
       #SUBCRITICAL MASS
  RT   CRITICAL MASS
       NUCLEAR FISSION
       NUCLEAR REACTIONS

SUBDIVISIONS
  3406
  RT % DIVISION
     % GROUPS
     % SECTIONS
       SET THEORY
       SUBGROUPS
       SUBSIDIARIES

SUBDUCTION (GEOLOGY)
  1306
  GS   GEOLOGY
       #SUBDUCTION (GEOLOGY)
  RT   EARTH MANTLE
       EARTHQUAKES
       LITHOSPHERE
       PLATES (TECTONICS)
       SEISMOLOGY
       STRUCTURAL PROPERTIES (GEOLOGY)
       TECTONICS

SUBDWARF STARS
  3001 3002
  GS   CELESTIAL BODIES
       .STARS
       .#SUBDWARF STARS
  RT   DWARF STARS
       MAIN SEQUENCE STARS
       RED DWARF STARS
       WHITE DWARF STARS

SUBGIANT STARS
  3001
  GS   CELESTIAL BODIES
       .STARS
       .#SUBGIANT STARS
  RT   CARBON STARS
       DWARF STARS
       GIANT STARS
       LATE STARS
       M STARS
       MAIN SEQUENCE STARS
       STELLAR EVOLUTION
       SUPERGIANT STARS

SUBGRAVITY
  USE  MICROGRAVITY

SUBGROUPS
  1902
  UF   SUBLATTICES
  GS   ALGEBRA
       .GROUP THEORY
       ..HOMOMORPHISMS
       ..#SUBGROUPS
  RT   MATRICES (MATHEMATICS)
       NUMBER THEORY
       PROBABILITY THEORY
       SET THEORY
       SUBDIVISIONS
       SUBSIDIARIES

SUBHARMONIC GENERATORS
  0701 0905 1601
  RT   DAMPING
     % GENERATORS
       HARMONIC GENERATORS
       HARMONIC OSCILLATORS
       HARMONICS
       OSCILLATORS
       SIGNAL GENERATORS
       STIMULATED EMISSION DEVICES

SUBIC PROJECT
  USE  SUBMARINE INTEGRATED CONTROL
       PROJECT

SUBJECTS
  3405
  GS   CLASSIFICATIONS
       #SUBJECTS
  RT   HANDBOOKS
       INFORMATION RETRIEVAL
       TEXTBOOKS

SUBLATTICES
  USE  LATTICES (MATHEMATICS)
       SUBGROUPS

SUBLAYERS
  USE  SUBSTRATES

SUBLETHAL DOSAGE
  0405 0412
  GS   DOSAGE
       #SUBLETHAL DOSAGE
  RT   DRUGS

SUBLIMATION
  0602 0603 1203 2603 3501
  GS   PHASE TRANSFORMATIONS
       .VAPORIZING
       .#SUBLIMATION
  RT   ABLATION
       BENEFICIATION
       CONDENSING
       CRYSTALLIZATION
       DESORPTION
       DIFFUSION
       EVAPORATION
       GAS-METAL INTERACTIONS
       GAS-SOLID INTERFACES
       PHASE CHANGE MATERIALS
       PURIFICATION
       PYROMETALLURGY
       REFINING
     % SEPARATION
       VAPOR PRESSURE

SUBLIMINAL STIMULI
  0408 0410
  RT   PSYCHOLOGY
       SENSORY STIMULATION
     % STIMULI

SUBMARINE CABLES
  0701 0702
  GS   TRANSMISSION LINES
       #SUBMARINE CABLES
  RT % CABLES
       COAXIAL CABLES
       COMMUNICATION CABLES
       POWER LINES

SUBMARINE INTEGRATED CONTROL PROJECT
  2102 2103
  UF   SUBIC PROJECT
  GS   PROGRAMS
       .PROJECTS
       .#SUBMARINE INTEGRATED CONTROL
         PROJECT
  RT % CONTROL

SUBMARINE PROPULSION
  3401
  GS   PROPULSION
       .MARINE PROPULSION
       ..UNDERWATER PROPULSION
       ..#SUBMARINE PROPULSION

SUBMARINES
  0506 1104 1204 2103 3401
  GS   WATER VEHICLES
       .SHIPS
       .#SUBMARINES
       ...BALLISTIC MISSILE SUBMARINES
```

...GUIDED MISSILE SUBMARINES
...TRIDENT SUBMARINE
.UNDERWATER VEHICLES
.#SUBMARINES
...BALLISTIC MISSILE SUBMARINES
...GUIDED MISSILE SUBMARINES
...TRIDENT SUBMARINE
RT ANTISHIP MISSILES
ANTISHIP WARFARE
ANTISUBMARINE WARFARE
% MILITARY VEHICLES
NAVY
NUCLEAR POWERED SHIPS
SEAFARER PROJECT
SHIP HULLS
SUBMERGED BODIES

SUBMERGED BODIES
1202 1310 1702 3203
GS #SUBMERGED BODIES
.DIVING (UNDERWATER)
.UNDERWATER RESEARCH LABORATORIES
RT SUBMARINES
TORPEDOES
TOWED BODIES
UNDERWATER ENGINEERING
UNDERWATER PHOTOGRAPHY
UNDERWATER STRUCTURES
UNDERWATER VEHICLES
WATER IMMERSION

SUBMERGING
1202 1310 2311 3203
UF IMMERSION
RT BATHS
DIPPING
QUENCHING (COOLING)
SINKING
% SOAKING
WATER IMMERSION
WEIGHTLESSNESS SIMULATION
WETTING

SUBMERSIBLE AIRCRAFT
0207
RT % AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
LIGHT AIRCRAFT
% MILITARY AIRCRAFT
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT

SUBMILLIMETER WAVES
0710 2309 2402 2903
SN (BELOW 1 MILLIMETER)
GS ELECTROMAGNETIC RADIATION
.RADIO WAVES
..SHORT WAVE RADIATION
..#SUBMILLIMETER WAVES
RT BEAMS (RADIATION)
ELECTROMAGNETIC NOISE
FAR INFRARED RADIATION
FREQUENCIES
LARGE DEPLOYABLE REFLECTOR
MICROWAVES
MILLIMETER WAVES
WAVELENGTHS

SUBMINIATURIZATION
1002 3404
GS MINIATURIZATION
#SUBMINIATURIZATION
RT ELECTRONIC MODULES
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT
PRINTED CIRCUITS

SUBORBITAL FLIGHT
3110 3409
RT % FLIGHT
MANNED SPACE FLIGHT
ORBITS
PARABOLIC FLIGHT
ROCKET FLIGHT
SPACE FLIGHT
WEIGHTLESSNESS

SUBREFLECTORS
2306 2310
RT CASSEGRAIN ANTENNAS
CONDUCTORS
REFLECTOR ANTENNAS
REFLECTORS
SCANNERS

SUBROC MISSILE
3101 3401
GS MISSILES
.BALLISTIC MISSILES
..FIELD ARMY BALLISTIC MISSILES
..#SUBROC MISSILE
.SURFACE TO SURFACE MISSILES
..FLEET BALLISTIC MISSILES
..#SUBROC MISSILE
.UNDERWATER TO SURFACE MISSILES
.#SUBROC MISSILE
RT UNDERWATER TRAJECTORIES

SUBROUTINE LIBRARIES (COMPUTERS)
0802
GS COMPUTER PROGRAMS
.COMPUTER SYSTEMS PROGRAMS
.#SUBROUTINE LIBRARIES (COMPUTERS)
RT SUBROUTINES

SUBROUTINES
0802 0803
GS COMPUTER PROGRAMS
#SUBROUTINES
DATA CONVERSION ROUTINES
#SUBROUTINES
RT COMPILERS
PARSING ALGORITHMS
SUBROUTINE LIBRARIES (COMPUTERS)
USER MANUALS (COMPUTER PROGRAMS)

SUBSETS (MATHEMATICS)
USE SET THEORY

SUBSIDENCE
0603 1305 1306
RT ISOSTASY
MINES (EXCAVATIONS)
SETTLING

SUBSIDIARIES
3406
RT % DIVISION
% SECTIONS
SUBDIVISIONS
SUBGROUPS

% SUBSONIC AIRCRAFT
0201 0204 0207
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT % AIRCRAFT
FLYING PLATFORMS
GENERAL AVIATION AIRCRAFT
GETOL AIRCRAFT
GLIDERS
GROUND EFFECT MACHINES
HELICOPTERS
JET AIRCRAFT
LIGHT AIRCRAFT
PARAGLIDERS
PASSENGER AIRCRAFT
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT
SUPERSONIC AIRCRAFT
TANDEM WING AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
TRAINING AIRCRAFT

TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT

SUBSONIC FLOW
1201 1202 1203 2301
GS FLUID FLOW
#SUBSONIC FLOW
RT AERODYNAMICS
COMPRESSIBLE FLOW
FLOW VELOCITY
GAS FLOW
INCOMPRESSIBLE FLOW
KARMAN VORTEX STREET
TRANSONIC FLOW

SUBSONIC FLUTTER
0101 0102 0104 1203 3501
GS VIBRATION
.STRUCTURAL VIBRATION
..FLUTTER
..#SUBSONIC FLUTTER
..SELF INDUCED VIBRATION
..#SUBSONIC FLUTTER
RT TRANSONIC FLUTTER

SUBSONIC SPEED
0101 1202 2301 2308
SN (LESS THAN MACH 1)
GS RATES (PER TIME)
#SUBSONIC SPEED
VELOCITY
#SUBSONIC SPEED
RT ACOUSTIC VELOCITY
LOW SPEED
TRANSONIC SPEED

SUBSONIC WIND TUNNELS
1108 1110
GS TEST FACILITIES
.WIND TUNNELS
..LOW SPEED WIND TUNNELS
..#SUBSONIC WIND TUNNELS
RT BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
RECTANGULAR WIND TUNNELS
SUPERSONIC WIND TUNNELS
TRANSONIC WIND TUNNELS

SUBSTANCES
USE MATERIALS

SUBSTITUTES
2309 3407
UF SUBSTITUTION
RT ALTERNATIVES
REPLACING
VARIATIONS

SUBSTITUTION
USE SUBSTITUTES

SUBSTRATES
1305 1308 3203
UF SUBLAYERS
GS STRATA
#SUBSTRATES
RT COATINGS
LAMINATES
% LAYERS
METALLIZING
PHOTOMASKS
PLATING
PLY ORIENTATION
PRIMERS (COATINGS)

SUBSTRUCTURES
2404 2601 3203
RT FLOORS
FOUNDATIONS
STRUCTURAL DESIGN
STRUCTURAL MEMBERS
% STRUCTURES
SUPPORTS
UNDERCARRIAGES
WALLS

SUBTRACTION
1902
GS NUMBER THEORY
#SUBTRACTION
RT ARITHMETIC
COMPUTATION
GAUSSIAN ELIMINATION

SUBTROPICAL REGIONS
USE TEMPERATE REGIONS
TROPICAL REGIONS

SUBURBAN AREAS
3402
RT CITIES
LAND USE
MEGALOPOLISES
REGIONAL PLANNING
RESIDENTIAL AREAS
RURAL AREAS

SUBZERO TEMPERATURE
3304
GS TEMPERATURE
#SUBZERO TEMPERATURE
RT ABSOLUTE ZERO
ATMOSPHERIC TEMPERATURE
COLD ACCLIMATIZATION
COLD TOLERANCE
COLD WEATHER

SUCCESS PROJECT
3401
GS PROGRAMS
.PROJECTS
.#SUCCESS PROJECT
WEAPON SYSTEMS
#SUCCESS PROJECT

SUCCINIMIDES
0403 1808
GS NITROGEN COMPOUNDS
.AMIDES
.#SUCCINIMIDES
.IMIDES
.#SUCCINIMIDES

SUCROSE
0403 0505 1808
GS ORGANIC COMPOUNDS
.CARBOHYDRATES
..SUGARS
..#SUCROSE

SUCTION
1202 1506
RT EVACUATING (VACUUM)
PRESSURE EFFECTS
PRESSURE GRADIENTS
VACUUM
VACUUM APPARATUS
VACUUM PUMPS

SUD AVIATION AIRCRAFT
0204 0206
GS #SUD AVIATION AIRCRAFT
.ALOUETTE HELICOPTERS
..SA-330 HELICOPTER
..SE-3160 HELICOPTER
.CONCORDE AIRCRAFT
.SA-321 HELICOPTER
.SE-210 AIRCRAFT
.VJ-101 AIRCRAFT
RT % AIRCRAFT

SUD AVIATION SA-321 HELICOPTER

```
  USE  SA-321 HELICOPTER

SUD AVIATION SA-330 HELICOPTER
  USE  SA-330 HELICOPTER

SUD AVIATION SE-210 AIRCRAFT
  USE  SE-210 AIRCRAFT

SUD AVIATION SE-3160 HELICOPTER
  USE  SE-3160 HELICOPTER

SUD VJ-101 AIRCRAFT
  USE  VJ-101 AIRCRAFT

SUDAN
  1305
  GS   NATIONS
       #SUDAN
  RT   AFRICA

SUDDEN ENHANCEMENT OF ATMOSPHERICS
  0704 1302 2003 2304
  GS   ELECTROMAGNETIC INTERFERENCE
       .RADIO FREQUENCY INTERFERENCE
       ..ELECTROMAGNETIC NOISE
       ...ATMOSPHERICS
       ...#SUDDEN ENHANCEMENT OF
          ATMOSPHERICS

SUDDEN IONOSPHERIC DISTURBANCES
  0704 1302 2003 2304 3009
  UF   GEOMAGNETIC CROTCHETS
       SID (IONOSPHERIC DISTURBANCES)
  GS   IONOSPHERIC DISTURBANCES
       .IONOSPHERIC STORMS
       .#SUDDEN IONOSPHERIC DISTURBANCES
       STORMS
       .IONOSPHERIC STORMS
       .#SUDDEN IONOSPHERIC DISTURBANCES
  RT % DISTURBANCES
       MAGNETIC DISTURBANCES
       MAGNETIC STORMS
       SOLAR ACTIVITY EFFECTS
       TRAVELING IONOSPHERIC DISTURBANCES

SUDDEN STORM COMMENCEMENTS
  0710 1302
  RT   MAGNETIC DISTURBANCES
       MAGNETIC STORMS
       SOLAR ACTIVITY EFFECTS
       SOLAR CORPUSCULAR RADIATION
       SOLAR FLARES
       STORMS

SUGAR BEETS
  0409 0505
  GS   FARM CROPS
       #SUGAR BEETS
       PLANTS (BOTANY)
       #SUGAR BEETS
  RT   AGRICULTURE
       BOTANY
       CROP GROWTH
       CROP VIGOR
       EARTH RESOURCES
       FARMLANDS
       IRRIGATION
       SEEDS
       SUGARS

SUGAR CANE
  0409 0505
  GS   FARM CROPS
       #SUGAR CANE
       PLANTS (BOTANY)
       #SUGAR CANE
  RT   AGRICULTURE
       BOTANY
       CROP GROWTH
       CROP VIGOR
       EARTH RESOURCES
       FARMLANDS
     % FOOD
       IRRIGATION
       SEEDS

SUGARS
  0403 0505 1808
  GS   ORGANIC COMPOUNDS
       .CARBOHYDRATES
       .#SUGARS
       ...DEXTRANS
       ...INOSITOLS
       ...LACTOSE
       ...MANNITOL
       ...MONOSACCHARIDES
       ....HEXOSES
       .....GALACTOSE
       .....GLUCOSE
       ....PENTOSE
       .....RIBOSE
       .....XYLOSE
       ...SUCROSE
  RT % FOOD
       SUGAR BEETS

SUGGESTION
  0408 0410
  GS   RECOMMENDATIONS
       #SUGGESTION
  RT   HYPNOSIS

SUHL EFFECT
  2302 2307 2602
  RT   CARRIER INJECTION
     % EFFECTS
       ELECTRONS
       EXCITONS
       HOLES (ELECTRON DEFICIENCIES)
       MAGNETIC FIELDS
       N-TYPE SEMICONDUCTORS
       RECOMBINATION REACTIONS

SUITABILITY
  3408
  RT   ACCEPTABILITY
       COMPATIBILITY

SUITS
  0508 3305
  GS   CLOTHING
       #SUITS
       ..PRESSURE SUITS
       ...SPACE SUITS
       ....EXTRAVEHICULAR MOBILITY UNITS
  RT   GARMENTS

SULFATES
  0603 1805
  GS   SULFUR COMPOUNDS
       #SULFATES
       ..ALUM
       ..AMMONIUM SULFATES
       ..BARITE
       ..HYDROXYLAMINE SULFATE
       ..LITHIUM SULFATES
       ..MAGNESIUM SULFATES
       ...HEXAHEDRITE
       ..SODIUM SULFATES
  RT   GYPSUM
       SULFURIC ACID

SULFATION
  0602 0603
  GS   CHEMICAL REACTIONS
       #SULFATION
  RT   HYDROMETALLURGY
       SULFIDATION

SULFIDATION
  1704
  GS   CHEMICAL REACTIONS
       #SULFIDATION
  RT   CORROSION RESISTANCE
       GAS-METAL INTERACTIONS
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      HEAT RESISTANT ALLOYS
      NICKEL ALLOYS
      SULFATION
      SULFIDES

SULFIDES
  1704 1804 1808
  GS  CHALCOGENIDES
      #SULFIDES
      ..DISULFIDES
      ...CARBON DISULFIDE
      ..INORGANIC SULFIDES
      ...BARIUM SULFIDES
      ...BISMUTH SULFIDES
      ...CADMIUM SULFIDES
      ...CALCIUM SULFIDES
      ...COPPER SULFIDES
      ....ENARGITE
      ...HYDROGEN SULFIDE
      ...INDIUM SULFIDES
      ...LEAD SULFIDES
      ...MOLYBDENUM SULFIDES
      ....MOLYBDENUM DISULFIDES
      ...POLYSULFIDES
      ...STRONTIUM SULFIDES
      ...ZINC SULFIDES
      ....WURTZITE
      ....ZINCBLENDE
      ..PYRITES
      ..PYRRHOTITE
      ...TROILITE
      SULFUR COMPOUNDS
      #SULFIDES
      ..DISULFIDES
      ...CARBON DISULFIDE
      ..INORGANIC SULFIDES
      ...BARIUM SULFIDES
      ...BISMUTH SULFIDES
      ...CADMIUM SULFIDES
      ...CALCIUM SULFIDES
      ...COPPER SULFIDES
      ....ENARGITE
      ...HYDROGEN SULFIDE
      ...INDIUM SULFIDES
      ...LEAD SULFIDES
      ...MOLYBDENUM SULFIDES
      ....MOLYBDENUM DISULFIDES
      ...POLYSULFIDES
      ...STRONTIUM SULFIDES
      ...ZINC SULFIDES
      ....WURTZITE
      ....ZINCBLENDE
      ..PYRITES
      ..PYRRHOTITE
      ...TROILITE
  RT  SULFIDATION
      THIOPLASTICS

SULFITES
  0603 1804
  GS  SULFUR COMPOUNDS
      #SULFITES
      ..HYDROSULFITES
      ..SODIUM SULFITES

SULFONATES
  0602 0603
  GS  ESTERS
      #SULFONATES
      SULFUR COMPOUNDS
      #SULFONATES
  RT % SALTS

SULFONES
  0405 0603 1808
  GS  SULFUR COMPOUNDS
      #SULFONES
  RT  SULFONIC ACID

SULFONIC ACID
  0603
  GS  ACIDS
      #SULFONIC ACID
  RT  SULFONES
      SULFUR COMPOUNDS

SULFUR
  1807
  GS  CHEMICAL ELEMENTS
      #SULFUR
      ..SULFUR ISOTOPES

SULFUR CHLORIDES
  0603 1804
  GS  HALOGEN COMPOUNDS
      .CHLORINE COMPOUNDS
      ..CHLORIDES
      ..#SULFUR CHLORIDES
      .HALIDES
      ..CHLORIDES
      ..#SULFUR CHLORIDES
      SULFUR COMPOUNDS
      #SULFUR CHLORIDES

SULFUR COMPOUNDS
  0603
  GS #SULFUR COMPOUNDS
      .ORGANIC SULFUR COMPOUNDS
      .SULFATES
      ..ALUM
      ..AMMONIUM SULFATES
      ..BARITE
      ..HYDROXYLAMINE SULFATE
      ..LITHIUM SULFATES
      ..MAGNESIUM SULFATES
      ...HEXAHEDRITE
      ..SODIUM SULFATES
      .SULFIDES
      ..DISULFIDES
      ...CARBON DISULFIDE
      ..INORGANIC SULFIDES
      ...BARIUM SULFIDES
      ...BISMUTH SULFIDES
      ...CADMIUM SULFIDES
      ...CALCIUM SULFIDES
      ...COPPER SULFIDES
      ....ENARGITE
      ...HYDROGEN SULFIDE
      ...INDIUM SULFIDES
      ...LEAD SULFIDES
      ...MOLYBDENUM SULFIDES
      ....MOLYBDENUM DISULFIDES
      ...POLYSULFIDES
      ...STRONTIUM SULFIDES
      ...ZINC SULFIDES
      ....WURTZITE
      ....ZINCBLENDE
      ..PYRITES
      ..PYRRHOTITE
      ...TROILITE
      .SULFITES
      ..HYDROSULFITES
      ..SODIUM SULFITES
      .SULFONATES
      .SULFONES
      .SULFUR CHLORIDES
      .SULFUR FLUORIDES
      ..SULFUR HEXAFLUORIDE
      .SULFUR OXIDES
      ..SULFUR DIOXIDES
      .SULFURIC ACID
      .THIAZINE (TRADEMARK)
      .THIOLS
      ..CYSTEINE
      ..DIMERCAPROL
  RT  BLOEDITE
     % CHEMICAL COMPOUNDS
     % GROUP 6A COMPOUNDS
      SULFONIC ACID

SULFUR DIOXIDES
  0603 1804 1805
  GS  CHALCOGENIDES
      .OXIDES
      ..DIOXIDES
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        ..#SULFUR DIOXIDES
        ..SULFUR OXIDES
        ..#SULFUR DIOXIDES
        SULFUR COMPOUNDS
        .SULFUR OXIDES
        .#SULFUR DIOXIDES

SULFUR FLUORIDES
  0603 1804 1805
  GS    HALOGEN COMPOUNDS
        .FLUORINE COMPOUNDS
        ..FLUORIDES
        ..#SULFUR FLUORIDES
        ....SULFUR HEXAFLUORIDE
        .HALIDES
        ..FLUORIDES
        ..#SULFUR FLUORIDES
        ....SULFUR HEXAFLUORIDE
        SULFUR COMPOUNDS
        #SULFUR FLUORIDES
        ..SULFUR HEXAFLUORIDE

SULFUR HEXAFLUORIDE
  0603 1203 1301 1302 2404
  GS    GASES
        #SULFUR HEXAFLUORIDE
        HALOGEN COMPOUNDS
        .FLUORINE COMPOUNDS
        ..FLUORIDES
        ...SULFUR FLUORIDES
        ...#SULFUR HEXAFLUORIDE
        .HALIDES
        ..FLUORIDES
        ...SULFUR FLUORIDES
        ...#SULFUR HEXAFLUORIDE
        SULFUR COMPOUNDS
        .SULFUR FLUORIDES
        .#SULFUR HEXAFLUORIDE
  RT %  CHEMICAL COMPOUNDS
        DIELECTRICS
        INFRARED SPECTROSCOPY
        LASER MATERIALS
        WORKING FLUIDS

SULFUR ISOTOPES
  0603 1805 1807
  GS    CHEMICAL ELEMENTS
        .SULFUR
        .#SULFUR ISOTOPES

SULFUR OXIDES
  0603 1804 1805
  GS    CHALCOGENIDES
        .OXIDES
        .#SULFUR OXIDES
        ...SULFUR DIOXIDES
        SULFUR COMPOUNDS
        #SULFUR OXIDES
        ..SULFUR DIOXIDES
  RT    ACID RAIN
        DIOXIDES

SULFURIC ACID
  0603 1803
  GS    ACIDS
        #SULFURIC ACID
        SULFUR COMPOUNDS
        #SULFURIC ACID
  RT    SULFATES

SUM RULES
  1902
  GS    RULES
        #SUM RULES
  RT    SUMS

SUMMARIES
  3405
  GS   #SUMMARIES
        .ABSTRACTS
        .PRELAUNCH SUMMARIES
  RT    ANNOTATIONS
        BIBLIOGRAPHIES
        DOCUMENTATION
        INDEXES (DOCUMENTATION)
        INFORMATION DISSEMINATION
        POSTLAUNCH REPORTS
        REPORTS

SUMMER
  2001 2003
  GS    SEASONS
        #SUMMER
  RT    AUTUMN
        HOT WEATHER
        SOLSTICES
        SPRING (SEASON)
        WINTER

SUMPS
  0505 1202 1305 1504
  RT    DRAINAGE
        PITS (EXCAVATIONS)
        WASTE DISPOSAL

SUMS
  1902
  RT    ALGEBRA
        AMOUNT
        ARITHMETIC
        COMPUTATION
        SERIES (MATHEMATICS)
        SUM RULES

SUN
  1308 3009
  UF    SOLAR DISK
  GS    CELESTIAL BODIES
        .STARS
        ..G STARS
        ..#SUN
        ..MAIN SEQUENCE STARS
        ..#SUN
  RT    AOSO
        ASTEC SOLAR TURBOELECTRIC GENERATOR
        CELESTIAL MECHANICS
        GRIST (TELESCOPE)
        LIGHT SOURCES
        OSO
        PHOTOSPHERE
        PLANETS
        SATELLITE SOLAR ENERGY CONVERSION
        SATELLITE SOLAR POWER STATIONS
        SOLAR ACTIVITY
        SOLAR ACTIVITY EFFECTS
        SOLAR ARRAYS
        SOLAR ATMOSPHERE
        SOLAR ATRIUMS
        SOLAR AUXILIARY POWER UNITS
        SOLAR BLANKETS
        SOLAR CELLS
        SOLAR COLLECTORS
        SOLAR COMPASSES
        SOLAR CONSTANT
        SOLAR COOLING
        SOLAR CORONA
        SOLAR CORPUSCULAR RADIATION
        SOLAR COSMIC RAYS
        SOLAR CYCLES
        SOLAR ECLIPSES
        SOLAR ELECTRIC PROPULSION
        SOLAR ELECTRONS
        SOLAR ENERGY
        SOLAR ENERGY ABSORBERS
        SOLAR ENERGY CONVERSION
        SOLAR FLARES
        SOLAR FLUX
        SOLAR FLUX DENSITY
        SOLAR FURNACES
        SOLAR GENERATORS
        SOLAR GRANULATION
        SOLAR GRAVITATION
        SOLAR HEATING
        SOLAR HOUSES
        SOLAR INSTRUMENTS
```

SOLAR INTERIOR
SOLAR LIMB
SOLAR LONGITUDE
SOLAR MAGNETIC FIELD
SOLAR MAXIMUM MISSION
SOLAR MAXIMUM MISSION-A
SOLAR MESOSPHERE EXPLORER
SOLAR NEIGHBORHOOD
SOLAR NEUTRINOS
SOLAR OBLATENESS
SOLAR OBSERVATORIES
SOLAR ORBITS
SOLAR OSCILLATIONS
SOLAR PARALLAX
SOLAR PHYSICS
SOLAR PONDS (HEAT STORAGE)
SOLAR POSITION
SOLAR POWER SATELLITES
SOLAR POWERED AIRCRAFT
SOLAR PROBES
SOLAR PROMINENCES
SOLAR PROPULSION
SOLAR PROTONS
SOLAR RADAR ECHOES
SOLAR RADIATION
SOLAR RADIATION SHIELDING
SOLAR RADIATION 1 SATELLITE
SOLAR RADIATION 3 SATELLITE
SOLAR RADIO BURSTS
SOLAR REFLECTORS
SOLAR ROTATION
SOLAR SAILS
SOLAR SEA POWER PLANTS
SOLAR SENSORS
SOLAR SIMULATION
SOLAR SIMULATORS
SOLAR SPECTRA
SOLAR SPECTROMETERS
SOLAR STORMS
SOLAR SYSTEM
SOLAR SYSTEM EVOLUTION
SOLAR TEMPERATURE
SOLAR TERRESTRIAL INTERACTIONS
SOLAR THERMAL PROPULSION
SOLAR TOTAL ENERGY SYSTEMS
SOLAR VELOCITY
SOLAR WIND
SOLAR WIND VELOCITY
SOLAR X-RAYS
SUNLIGHT
ULYSSES MISSION

SUN SENSORS
USE SOLAR SENSORS

SUNBLAZER SPACE PROBE
3108
GS UNMANNED SPACECRAFT
.SPACE PROBES
..SOLAR PROBES
..#SUNBLAZER SPACE PROBE
RT MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

SUNFLOWERS
0409
GS FARM CROPS
#SUNFLOWERS
PLANTS (BOTANY)
#SUNFLOWERS
RT AGRICULTURE
CROP IDENTIFICATION
% CROPS
EARTH RESOURCES

SUNGLASSES
0508
RT EYE PROTECTION
EYEPIECES
GOGGLES
OPTICAL FILTERS
VISORS

SUNLIGHT
2306 2902 3303
GS ELECTROMAGNETIC RADIATION
.LIGHT (VISIBLE RADIATION)
.#SUNLIGHT
EXTRATERRESTRIAL RADIATION
.SOLAR RADIATION
.#SUNLIGHT
RT BLACK BODY RADIATION
CIRCUMSOLAR RADIATION
CLIMATOLOGY
CLOUD COVER
INFRARED RADIATION
INSOLATION
SKY
SKY BRIGHTNESS
SKY RADIATION
SOLAR HEATING
SUN
THERMAL RADIATION
ULTRAVIOLET RADIATION
UMKEHR EFFECT
ZODIACAL LIGHT

SUNRISE
1302 1901 2003 3001
RT MORNING
% SCIENCE
SUNSET
TERMINATOR LINES

SUNSET
1901 2003 3001
RT EVENING
% SCIENCE
SUNRISE
TERMINATOR LINES

SUNSPOT CYCLE
2003 2902 3001
GS CYCLES
.SOLAR CYCLES
.#SUNSPOT CYCLE
RT SOLAR ACTIVITY
STARSPOTS
STELLAR ACTIVITY

SUNSPOTS
2902 3001
GS STELLAR ACTIVITY
.SOLAR ACTIVITY
.#SUNSPOTS
.STARSPOTS
.#SUNSPOTS
RT FACULAE
MAGNETIC DISTURBANCES
PHOTOSPHERE
SOLAR CYCLES
SOLAR FLARES
SOLAR TERRESTRIAL INTERACTIONS
TWENTY-SEVEN DAY VARIATION

SUPER FORTRESS AIRCRAFT
USE RB-50 AIRCRAFT

SUPER SABRE AIRCRAFT
USE F-100 AIRCRAFT

SUPERALLOYS
USE HEAT RESISTANT ALLOYS

SUPERCAVITATING FLOW
0101 0102 1202 1203
UF SUPERCAVITATION
GS FLUID FLOW
.TURBULENT FLOW
.#SUPERCAVITATING FLOW
RT CAVITATION FLOW
HYDROFOIL OSCILLATIONS

SUPERCAVITATION
USE SUPERCAVITATING FLOW

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SUPERCHARGERS
  0201 0202 1504 2801 2805 2808
  UF   SUPERCHARGING
       TURBOCHARGERS
  GS   COMPRESSORS
       #SUPERCHARGERS
  RT   AIR INTAKES
       BLOWERS
       CENTRIFUGAL COMPRESSORS
       COMPRESSING
       INTERNAL COMBUSTION ENGINES
       TURBOCOMPRESSORS
       TURBOMACHINERY

SUPERCHARGING
  USE  SUPERCHARGERS

SUPERCOMPUTERS
  3502
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       .#SUPERCOMPUTERS
       ...CONNECTION MACHINE
       ...CRAY COMPUTERS
  RT   ARCHITECTURE (COMPUTERS)
       HYPERCUBE MULTIPROCESSORS
       MULTIPROCESSING (COMPUTERS)
       PARALLEL PROCESSING (COMPUTERS)

SUPERCONDUCTING CAVITY RESONATORS
  0705 0710 1002 1610 2302 2303 2304
  2310 2402 2403 2603
  GS   RESONATORS
       .CAVITY RESONATORS
       .#SUPERCONDUCTING CAVITY RESONATORS
       SUPERCONDUCTING DEVICES
       #SUPERCONDUCTING CAVITY RESONATORS
  RT   MICROWAVE OSCILLATORS
       OSCILLATORS
       SUPERCONDUCTING FILMS
       SUPERCONDUCTING MAGNETS

SUPERCONDUCTING DEVICES
  1002 2302 2303 2304 2603
  GS  #SUPERCONDUCTING DEVICES
       .SIS (SUPERCONDUCTORS)
       .SQUID (DETECTORS)
       .SUPERCONDUCTING CAVITY RESONATORS
       .SUPERCONDUCTING MAGNETS
  RT   SUPERCONDUCTING FILMS
       SUPERCONDUCTING POWER TRANSMISSION
       SUPERCONDUCTING SUPER COLLIDER
       TUNNEL JUNCTIONS

SUPERCONDUCTING FILMS
  1503 1506 1704 1802
  RT   BSCCO SUPERCONDUCTORS
     % FILMS
       LASER DEPOSITION
       PULSED LASER DEPOSITION
       SEMICONDUCTING FILMS
       SUPERCONDUCTING CAVITY RESONATORS
       SUPERCONDUCTING DEVICES
       SUPERCONDUCTORS
       THICK FILMS
       THIN FILMS
       YBCO SUPERCONDUCTORS

SUPERCONDUCTING MAGNETS
  1704 2302 2304 2307 2604
  GS   MAGNETS
       .ELECTROMAGNETS
       .#SUPERCONDUCTING MAGNETS
       SUPERCONDUCTING DEVICES
       #SUPERCONDUCTING MAGNETS
  RT   CRYOGENIC MAGNETS
       FLUX PUMPS
       HIGH FIELD MAGNETS
       HIGH TEMPERATURE SUPERCONDUCTORS
       MAGNET COILS
       MAGNETIC ENERGY STORAGE
       SUPERCONDUCTING CAVITY RESONATORS
       SUPERCONDUCTING SUPER COLLIDER

SUPERCONDUCTING POWER TRANSMISSION
  1002 2304 2402
  RT % CONDUCTIVITY
       CRYOGENICS
       ELECTRIC POWER TRANSMISSION
       HIGH TEMPERATURE SUPERCONDUCTORS
       LOW TEMPERATURE PHYSICS
       POWER LINES
       SUPERCONDUCTING DEVICES
       TRANSITION TEMPERATURE
       TRANSMISSION LINES

SUPERCONDUCTING QUANTUM INTERFEROMETERS
  USE  SQUID (DETECTORS)

SUPERCONDUCTING SUPER COLLIDER
  2202 2403 2405
  GS   PARTICLE ACCELERATORS
       #SUPERCONDUCTING SUPER COLLIDER
  RT   STORAGE RINGS (PARTICLE
       ACCELERATORS)
       SUPERCONDUCTING DEVICES
       SUPERCONDUCTING MAGNETS

SUPERCONDUCTIVITY
  1002 2302 2303 2304 2603
  UF   MEISSNER EFFECT
  GS   ELECTRICAL PROPERTIES
       .ELECTRICAL RESISTIVITY
       .#SUPERCONDUCTIVITY
       ...KONDO EFFECT
       TRANSPORT PROPERTIES
       .ELECTRICAL RESISTIVITY
       .#SUPERCONDUCTIVITY
       ...KONDO EFFECT
  RT   ABRIKOSOV THEORY
       BCS THEORY
       BLOCH BAND
     % CONDUCTIVITY
       CRYOGENICS
       CRYOTRONS
       ELECTRON PHONON INTERACTIONS
       ELECTRON TUNNELING
       FLUX PINNING
       FLUX PUMPS
       GALLIUM ALLOYS
       HIGH TEMPERATURE SUPERCONDUCTORS
       JOSEPHSON JUNCTIONS
       LANDAU FACTOR
       LANDAU-GINZBURG EQUATIONS
       LOW TEMPERATURE PHYSICS
     % SOLID STATE PHYSICS
       SPIN GLASS
       TRANSITION TEMPERATURE
       TRAPPED MAGNETIC FIELDS
       VECTOR CURRENTS
       VORTICES
       YBCO SUPERCONDUCTORS

SUPERCONDUCTOR INSULATOR SUPERCONDUCTORS
  USE  SIS (SUPERCONDUCTORS)

SUPERCONDUCTORS
  1002 2302 2303 2603
  GS   CONDUCTORS
       #SUPERCONDUCTORS
       ..HIGH TEMPERATURE SUPERCONDUCTORS
       ...BSCCO SUPERCONDUCTORS
       ...YBCO SUPERCONDUCTORS
       ..ORGANIC SUPERCONDUCTORS
  RT   ABRIKOSOV THEORY
       CARRIER MOBILITY
       CRYOGENIC COMPUTER STORAGE
       CRYOTRONS
       ELECTRON GAS
       ENERGY STORAGE
       FLUX QUANTIZATION
       PINNING
       PROXIMITY EFFECT (ELECTRICITY)
       SOLID STATE DEVICES
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        SQUID (DETECTORS)
        STRONTIUM OXIDES
        SUPERCONDUCTING FILMS
        THERMODYNAMIC COUPLING

SUPERCOOLING
  0602 1803 2303 3303
  GS    COOLING
        #SUPERCOOLING
        ..CRYOGENIC COOLING
  RT    AGING (METALLURGY)
        AITKEN NUCLEI
        CONDENSING
        CONVECTION CLOUDS
        CRYSTALLIZATION
        HEAT TREATMENT
        MECHANICAL PROPERTIES
        NUCLEATION
        QUENCHING (COOLING)
        SUPERSATURATION

SUPERCRITICAL AIRFOILS
  0104
  GS    AIRFOILS
        #SUPERCRITICAL AIRFOILS
        ..SUPERCRITICAL WINGS
  RT    AIRFOIL PROFILES

SUPERCRITICAL FLOW
  1202 1203
  GS    FLUID FLOW
        #SUPERCRITICAL FLOW
  RT    CRITICAL FLOW
        FLOW CHARACTERISTICS
        GAS FLOW
        LIQUID FLOW
        MULTIPHASE FLOW
        ORIFICE FLOW
        PIPE FLOW
        PRESSURE GRADIENTS
        SINGLE-PHASE FLOW
        STEADY FLOW
        STEAM FLOW
        SUBCRITICAL FLOW
        TURBULENT FLOW
        UNSTEADY FLOW

SUPERCRITICAL FLUIDS
  0602 1203 3501
  RT    FLUID MECHANICS
      % FLUIDS
        SOLUBILITY
        SUPERCRITICAL PRESSURES

SUPERCRITICAL PRESSURES
  0603 1203 1408 3501
  GS    PRESSURE
        #SUPERCRITICAL PRESSURES
        THERMODYNAMIC PROPERTIES
        .THERMOPHYSICAL PROPERTIES
        .#SUPERCRITICAL PRESSURES
  RT    CRITICAL PRESSURE
        HIGH PRESSURE
        LIQUID PHASES
        SUPERCRITICAL FLUIDS
        VAPOR PHASES
        VAPOR PRESSURE

SUPERCRITICAL WINGS
  0104
  GS    AIRFOILS
        .SUPERCRITICAL AIRFOILS
        .#SUPERCRITICAL WINGS
        .WINGS
        .#SUPERCRITICAL WINGS
  RT    CL-600 CHALLENGER AIRCRAFT
        SPANLOADER AIRCRAFT
        WING PROFILES
      % WINGED VEHICLES

SUPERFLUID FLOW
  USE   SUPERFLUIDITY

SUPERFLUIDITY
  1202 1203
  UF    SUPERFLUID FLOW
  RT    COMPRESSIBLE FLUIDS
      % FLUIDS
        INCOMPRESSIBLE FLUIDS
        KELVIN-HELMHOLTZ INSTABILITY
        LIQUID HELIUM
        LIQUID HELIUM 2
        MANY BODY PROBLEM
        QUANTUM STATISTICS
        TWO FLUID MODELS
        VISCOSITY
        VORTICES

SUPERGIANT STARS
  3001 3009
  GS    CELESTIAL BODIES
        .STARS
        .#SUPERGIANT STARS
        ...R CORONAE BOREALIS STARS
  RT    GIANT STARS
        K STARS
        M STARS
        MASSIVE STARS
        MIRA VARIABLES
        SUBGIANT STARS

SUPERGRAVITY
  1307 1309 3001
  GS    GRAVITATION THEORY
        #SUPERGRAVITY
  RT    BROKEN SYMMETRY
        COSMOLOGY
        FIELD THEORY (PHYSICS)
        GAUGE INVARIANCE
        GAUGE THEORY
        GRAVITINOS
        GRAVITONS
        GROUP THEORY
        LIE GROUPS
        PARTICLE THEORY
        QUANTUM THEORY
        RELATIVITY
        SUPERSYMMETRY
        THEORETICAL PHYSICS
        UNIFIED FIELD THEORY
        YANG-MILLS THEORY

SUPERHARMONICS
  0710 2301 2309 2312
  GS    HARMONICS
        #SUPERHARMONICS
  RT    CYCLES
        FREQUENCIES
        MACH NUMBER
        SUPERSONIC WIND TUNNELS
        SUPERSONICS

SUPERHEATING
  0602 3303
  GS    HEATING
        #SUPERHEATING
  RT    STEAM

SUPERHETERODYNE RECEIVERS
  0701 0905
  GS    COMMUNICATION EQUIPMENT
        .RADIO RECEIVERS
        .#SUPERHETERODYNE RECEIVERS
        RADIO EQUIPMENT
        .RADIO RECEIVERS
        .#SUPERHETERODYNE RECEIVERS
        RECEIVERS
        .RADIO RECEIVERS
        .#SUPERHETERODYNE RECEIVERS
  RT    BEAT FREQUENCIES
        HETERODYNING

SUPERHIGH FREQUENCIES
  0705 2309
  SN    (3 TO 30 GHZ)
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  UF   KU BAND
       S BAND
       X BAND
  GS   FREQUENCIES
       .RADIO FREQUENCIES
       ..MICROWAVE FREQUENCIES
       ..#SUPERHIGH FREQUENCIES
  RT   C BAND
       CENTIMETER WAVES
       UNIFIED S BAND
       VSAT (NETWORK)

SUPERHYBRID MATERIALS
  1507
  GS   COMPOSITE MATERIALS
       #SUPERHYBRID MATERIALS
       ..GRAPHITE-EPOXY COMPOSITES
  RT   BORON-EPOXY COMPOSITES
       CARBON FIBER REINFORCED PLASTICS
       FIBER COMPOSITES
       HYBRID COMPOSITES
     % MATERIALS
       REINFORCING FIBERS

SUPERIMPOSITION (MATHEMATICS)
  USE  SUPERPOSITION (MATHEMATICS)

SUPERLATTICES
  2601
  GS   CRYSTAL LATTICES
       #SUPERLATTICES
       SEMICONDUCTORS (MATERIALS)
       #SUPERLATTICES
  RT   CRYSTAL DISLOCATIONS
       CRYSTAL STRUCTURE
       GALLIUM ARSENIDES
       LATTICE PARAMETERS

SUPERMAGNETS
  USE  HIGH FIELD MAGNETS

SUPERMASSIVE STARS
  1901 3001
  GS   CELESTIAL BODIES
       .STARS
       .#SUPERMASSIVE STARS
  RT   DEGENERATE MATTER
       MASSIVE STARS
       STELLAR MODELS
       STELLAR STRUCTURE

SUPERNOVA REMNANTS
  3001
  RT   BLACK HOLES (ASTRONOMY)
       NEUTRON STARS
       NORTH POLAR SPUR (ASTRONOMY)
       PULSARS
       RED DWARF STARS
       SUPERNOVAE
       WHITE DWARF STARS
       WHITE HOLES (ASTRONOMY)

SUPERNOVA 1987A
  3001 3003
  GS   CELESTIAL BODIES
       .STARS
       ..VARIABLE STARS
       ...SUPERNOVAE
       ...#SUPERNOVA 1987A
  RT   MAGELLANIC CLOUDS

SUPERNOVAE
  3001 3003
  GS   CELESTIAL BODIES
       .STARS
       ..VARIABLE STARS
       ..#SUPERNOVAE
       ....SUPERNOVA 1987A
  RT   CRAB NEBULA
       GRAVITATIONAL COLLAPSE
       NEBULAE
       NOVAE
       OPIK THEORY
       ORION NEBULA
       STELLAR MASS
       STELLAR MASS EJECTION
       STELLAR PHYSICS
       SUPERNOVA REMNANTS

SUPEROXIDES
  USE  INORGANIC PEROXIDES

SUPERPLASTICITY
  1809 2603 3202 3204
  GS   MECHANICAL PROPERTIES
       .PLASTIC PROPERTIES
       .#SUPERPLASTICITY
  RT   CREEP PROPERTIES
       CRYSTAL DISLOCATIONS
       ELONGATION
       EUTECTIC ALLOYS
       HEAT RESISTANT ALLOYS
       PLASTIC DEFORMATION
       PLASTIC FLOW

SUPERPOSITION (MATHEMATICS)
  1902 2301 2309 2310
  UF   SUPERIMPOSITION (MATHEMATICS)
  RT   EQUIVALENT CIRCUITS
       LINEAR CIRCUITS
     % MATHEMATICS
       NETWORK ANALYSIS
       NETWORK SYNTHESIS

SUPERPRESSURE BALLOONS
  3202
  UF   CONSTANT VOLUME BALLOONS
       TETROONS
  GS   EXPANDABLE STRUCTURES
       .INFLATABLE STRUCTURES
       ..BALLOONS
       ...HIGH ALTITUDE BALLOONS
       ...#SUPERPRESSURE BALLOONS
  RT   BALLOON SOUNDING
       METEOROLOGICAL BALLOONS

SUPERROTATION
  1504
  RT   ATMOSPHERIC CIRCULATION
       EARTH ATMOSPHERE
       EARTH ROTATION
       ROTATING FLUIDS

SUPERSATURATION
  0602 0603 2601
  RT   CONDENSING
       CRYSTALLIZATION
       HEAT TREATMENT
       MAYER PROBLEM
       PRECIPITATION (CHEMISTRY)
       PRECIPITATION HARDENING
       QUENCHING (COOLING)
       SOLID SOLUTIONS
       SUPERCOOLING

SUPERSONIC AIRCRAFT
  0201 0204
  SN   (AIRCRAFT DESIGNED TO FLY AT
       SPEEDS ABOVE MACH 1 AND BELOW MACH
       5)
  UF   TRANSONIC AIRCRAFT
  GS  #SUPERSONIC AIRCRAFT
       .A-5 AIRCRAFT
       .B-58 AIRCRAFT
       .B-70 AIRCRAFT
       .BOEING 733 AIRCRAFT
       .D-558 AIRCRAFT
       .F-5 AIRCRAFT
       .F-8 AIRCRAFT
       .F-14 AIRCRAFT
       .F-15 AIRCRAFT
       .F-16 AIRCRAFT
       .F-17 AIRCRAFT
       .F-22 AIRCRAFT
       .F-100 AIRCRAFT
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      .F-101 AIRCRAFT
      .F-102 AIRCRAFT
      .F-104 AIRCRAFT
      .F-106 AIRCRAFT
      .F-111 AIRCRAFT
      .FIREBEE 2 TARGET DRONE AIRCRAFT
      .G-95/4 AIRCRAFT
      .JAGUAR AIRCRAFT
      .MIG AIRCRAFT
      .MIRAGE AIRCRAFT
      ..MIRAGE 3 AIRCRAFT
      .NORD 1500 AIRCRAFT
      .P-1154 AIRCRAFT
      .PHANTOM AIRCRAFT
      ..F-4 AIRCRAFT
      .RF-4 AIRCRAFT
      .SAAB 37 AIRCRAFT
      .SR-71 AIRCRAFT
      .SUPERSONIC TRANSPORTS
      ..CL-823 AIRCRAFT
      ..CONCORDE AIRCRAFT
      ..L-2000 AIRCRAFT
      ..SUPERSONIC COMMERCIAL AIR
        TRANSPORT
      ...BOEING 2707 AIRCRAFT
      .T-38 AIRCRAFT
      .TSR-2 AIRCRAFT
      .VJ-101 AIRCRAFT
      .X-1 AIRCRAFT
      .X-2 AIRCRAFT
      .X-3 AIRCRAFT
      .X-15 AIRCRAFT
  RT % AIRCRAFT
      ATTACK AIRCRAFT
      FIGHTER AIRCRAFT
      HYPERSONIC AIRCRAFT
      JET AIRCRAFT
      PASSENGER AIRCRAFT
      RECONNAISSANCE AIRCRAFT
      RESEARCH AIRCRAFT
    % SUBSONIC AIRCRAFT
      SUPERSONIC CRUISE AIRCRAFT RESEARCH
      SUPERSONICS
      SWEPTBACK WINGS
      TRANSPORT AIRCRAFT
      TRAPEZOIDAL TAIL SURFACES
      VARIABLE CYCLE ENGINES
      VARIABLE STREAM CONTROL ENGINES

SUPERSONIC AIRFOILS
  0101 0102 0104 0201
  GS  AIRFOILS
      #SUPERSONIC AIRFOILS
  RT  SWEEPBACK
      SWEPTBACK TAIL SURFACES
      SWEPTBACK WINGS

SUPERSONIC BOUNDARY LAYERS
  0101 1202
  GS  BOUNDARY LAYERS
      #SUPERSONIC BOUNDARY LAYERS
  RT  FLUID FLOW
      LAMINAR BOUNDARY LAYER
      SUPERSONICS
      TURBULENT BOUNDARY LAYER
      TWO DIMENSIONAL BOUNDARY LAYER

SUPERSONIC COMBUSTION
  2801 2805 3301
  GS  COMBUSTION
      #SUPERSONIC COMBUSTION
  RT  ENGINES
      FUEL COMBUSTION

SUPERSONIC COMBUSTION RAMJET ENGINES
  2805 3101
  UF  SCRAMJET ENGINES
      SCRAMJETS
  GS  ENGINES
      .AIR BREATHING ENGINES
      ..GAS TURBINE ENGINES
      ...JET ENGINES
      ....RAMJET ENGINES
      ....#SUPERSONIC COMBUSTION RAMJET
           ENGINES
      .INTERNAL COMBUSTION ENGINES
      ..GAS TURBINE ENGINES
      ...JET ENGINES
      ....RAMJET ENGINES
      ....#SUPERSONIC COMBUSTION RAMJET
           ENGINES
      .TURBINE ENGINES
      ..GAS TURBINE ENGINES
      ...JET ENGINES
      ....RAMJET ENGINES
      ....#SUPERSONIC COMBUSTION RAMJET
           ENGINES
  RT  COMBUSTION
      MISSILES
      RAMJET MISSILES
    % SCRAM

SUPERSONIC COMMERCIAL AIR TRANSPORT
  0204
  UF  SCAT
  GS  COMMERCIAL AIRCRAFT
      #SUPERSONIC COMMERCIAL AIR
       TRANSPORT
      ..BOEING 2707 AIRCRAFT
      ..TU-144 AIRCRAFT
      SUPERSONIC AIRCRAFT
      .SUPERSONIC TRANSPORTS
      .#SUPERSONIC COMMERCIAL AIR
        TRANSPORT
      ...BOEING 2707 AIRCRAFT

SUPERSONIC COMPRESSORS
  1203 2801 2805 3501
  GS  COMPRESSORS
      #SUPERSONIC COMPRESSORS
  RT  OBLIQUE SHOCK WAVES
      TRANSONIC COMPRESSORS
      TURBOCOMPRESSORS

SUPERSONIC CRUISE AIRCRAFT RESEARCH
  0201
  UF  SCAR PROGRAM
  GS  PROGRAMS
      .NASA PROGRAMS
      .#SUPERSONIC CRUISE AIRCRAFT
        RESEARCH
  RT % AIRCRAFT
      SUPERSONIC AIRCRAFT
      SUPERSONIC TRANSPORTS

SUPERSONIC DIFFUSERS
  1203 2801 2805 3501
  RT  AIR INTAKES
    % DIFFUSERS
      EXHAUST DIFFUSERS
      FLOW STABILITY
      VANELESS DIFFUSERS

SUPERSONIC DRAG
  0101 0102 0204 1203 3501
  GS  AERODYNAMIC CHARACTERISTICS
      .AERODYNAMIC DRAG
      .#SUPERSONIC DRAG
      AERODYNAMIC FORCES
      .AERODYNAMIC DRAG
      .#SUPERSONIC DRAG
      DYNAMIC CHARACTERISTICS
      .DRAG
      ..FRICTION DRAG
      ...AERODYNAMIC DRAG
      ...#SUPERSONIC DRAG
      ..PRESSURE DRAG
      ..#SUPERSONIC DRAG
      FRICTION
      .FLOW RESISTANCE
      ..FRICTION DRAG
      ...AERODYNAMIC DRAG
      ...#SUPERSONIC DRAG
      .SKIN FRICTION
      ..FRICTION DRAG
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      ...AERODYNAMIC DRAG
      ...#SUPERSONIC DRAG
  RT  INTERFERENCE DRAG
      WAVE DRAG

SUPERSONIC FLIGHT
  0101 0201 0204
  RT  CAUSTIC LINES
    % FLIGHT
      HYPERSONIC FLIGHT
      JET LAG
      MACH CONES
      MISSILES
      ROCKET FLIGHT
      SONIC BOOMS
      SUPERSONICS
      TRANSONIC FLIGHT

SUPERSONIC FLOW
  0101 0204 1110 1202
  GS  FLUID FLOW
      #SUPERSONIC FLOW
  RT  AERODYNAMICS
      COMPRESSIBILITY EFFECTS
      COMPRESSIBLE FLOW
      FLOW VELOCITY
      GAS FLOW
      HYPERSONIC FLOW
      HYPERVELOCITY FLOW
      MACH CONES
      PRANDTL-MEYER EXPANSION
      SECONDARY INJECTION
      SHOCK WAVES
      TRANSONIC FLOW
      WEDGE FLOW
      WIND TUNNELS

SUPERSONIC FLOW INLETS
  USE SUPERSONIC INLETS

SUPERSONIC FLUTTER
  0101 0102 0104 1202 1203
  GS  VIBRATION
      .STRUCTURAL VIBRATION
      ..FLUTTER
      ..#SUPERSONIC FLUTTER
      ..SELF INDUCED VIBRATION
      ..#SUPERSONIC FLUTTER
  RT  MISSILE VIBRATION
      TRANSONIC FLUTTER

SUPERSONIC HEAT TRANSFER
  3303 3501
  GS  TRANSMISSION
      .HEAT TRANSMISSION
      ..HEAT TRANSFER
      ...AERODYNAMIC HEAT TRANSFER
      ...#SUPERSONIC HEAT TRANSFER
  RT  HYPERSONIC HEAT TRANSFER
      SUPERSONICS

SUPERSONIC INLETS
  1110 1202 1203
  UF  SUPERSONIC FLOW INLETS
      TRANSONIC INLETS
  GS  INTAKE SYSTEMS
      .AIR INTAKES
      .#SUPERSONIC INLETS
  RT  BYPASS RATIO
      HYPERSONIC INLETS
      INLET AIRFRAME CONFIGURATIONS
      INLET FLOW
      INTERNAL COMPRESSION INLETS
      NOSE INLETS
      SIDE INLETS

SUPERSONIC JET FLOW
  0101 0103 1202
  GS  FLUID FLOW
      .JET FLOW
      .#SUPERSONIC JET FLOW
  RT  GAS FLOW
      NOZZLE FLOW

SUPERSONIC LOW ALTITUDE MISSILE
  2204 3101 3401
  UF  SLAM
  GS  MISSILES
      .RAMJET MISSILES
      .#SUPERSONIC LOW ALTITUDE MISSILE
      .SURFACE TO SURFACE MISSILES
      .#SUPERSONIC LOW ALTITUDE MISSILE
  RT  NUCLEAR RAMJET ENGINES
      PLUTO REACTORS
      RAMJET ENGINES

SUPERSONIC NOZZLES
  1201 2805 2806 2808 3106 3501
  RT  COAXIAL NOZZLES
      CONICAL NOZZLES
      CONVERGENT-DIVERGENT NOZZLES
      HYPERSONIC NOZZLES
    % NOZZLES
      ROCKET NOZZLES
      SONIC NOZZLES
      TRANSONIC NOZZLES
      VARIABLE STREAM CONTROL ENGINES
      WIND TUNNEL NOZZLES

SUPERSONIC SPEED
  0101 1202 1203 2311
  SN  (BETWEEN MACH 1 AND 4.9)
  GS  RATES (PER TIME)
      #SUPERSONIC SPEED
      VELOCITY
      #SUPERSONIC SPEED
  RT  ACOUSTIC VELOCITY
      HIGH SPEED
      HYPERSONIC SPEED
      HYPERSONICS
      SUPERSONICS
      TRANSONIC SPEED

SUPERSONIC TEST APPARATUS
  1110 1202
  RT  HYPERSONIC TEST APPARATUS
      SUPERSONICS
    % TEST EQUIPMENT
      WIND TUNNEL APPARATUS

SUPERSONIC TRANSPORTS
  0204
  GS  SUPERSONIC AIRCRAFT
      #SUPERSONIC TRANSPORTS
      ..CL-823 AIRCRAFT
      ..CONCORDE AIRCRAFT
      ..L-2000 AIRCRAFT
      ..SUPERSONIC COMMERCIAL AIR
        TRANSPORT
      ...BOEING 2707 AIRCRAFT
  RT  CARGO AIRCRAFT
      COMMERCIAL AIRCRAFT
      PASSENGER AIRCRAFT
      SUPERSONIC CRUISE AIRCRAFT RESEARCH

SUPERSONIC TURBINES
  0202 1203 1504 2805 3501
  UF  TRANSONIC TURBINES
  GS  TURBOMACHINERY
      .TURBINES
      .#SUPERSONIC TURBINES
  RT  GAS TURBINE ENGINES
      GAS TURBINES

SUPERSONIC WAKES
  0101 0102 0104 1202 1203
  GS  WAKES
      #SUPERSONIC WAKES
  RT  AIRCRAFT WAKES
      HYPERSONIC WAKES

SUPERSONIC WIND TUNNELS
  0101 0102 1108 1110 1202
  GS  TEST FACILITIES
      .WIND TUNNELS
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.#SUPERSONIC WIND TUNNELS
RT BLOWDOWN WIND TUNNELS
HYPERSONIC WIND TUNNELS
HYPERVELOCITY WIND TUNNELS
LOW DENSITY WIND TUNNELS
SHOCK TUNNELS
SLOTTED WIND TUNNELS
SUBSONIC WIND TUNNELS
SUPERHARMONICS
TRANSONIC WIND TUNNELS

SUPERSONICS
0101 0102 0205 1110 1202 1203 1308
GS FLUID MECHANICS
.FLUID DYNAMICS
..GAS DYNAMICS
...AERODYNAMICS
...#SUPERSONICS
RT AEROTHERMODYNAMICS
HYPERSONICS
MACH CONES
SUPERHARMONICS
SUPERSONIC AIRCRAFT
SUPERSONIC BOUNDARY LAYERS
SUPERSONIC FLIGHT
SUPERSONIC HEAT TRANSFER
SUPERSONIC SPEED
SUPERSONIC TEST APPARATUS

SUPERSTRING THEORY
USE STRING THEORY

SUPERSYMMETRY
1902 2311 3001
GS SYMMETRY
#SUPERSYMMETRY
RT BOSONS
BROKEN SYMMETRY
COSMOLOGY
FERMIONS
FIELD THEORY (PHYSICS)
GAUGE THEORY
GRAND UNIFIED THEORY
GRAVITATION THEORY
GROUP THEORY
LIE GROUPS
PARTICLE THEORY
QUANTUM THEORY
STRING THEORY
SUPERGRAVITY
THEORETICAL PHYSICS
UNIFIED FIELD THEORY

SUPINE POSITION
0401 0502 0506
RT ACCELERATION PROTECTION
PRONE POSITION
REST
SITTING POSITION

SUPPLEMENTS
3402 3404 3406
GS DOCUMENTS
#SUPPLEMENTS
RT CONTRACTS
EXTENSIONS
INDEXES (DOCUMENTATION)
MOTION PICTURES
RECORDS
REPORTS

SUPPLYING
1202 3402 3404
RT COMMERCE
CONSUMPTION
DEMAND (ECONOMICS)
FILLING
INJECTION
INPUT
MARKETING
OUTPUT

SUPPORT INTERFERENCE
0705 0710 2402
RT ANTENNA RADIATION PATTERNS
% INTERFERENCE
SUPPORTS
VIBRATION EFFECTS

SUPPORT SYSTEMS
0507 1101 1102 1109 3409
GS #SUPPORT SYSTEMS
.GROUND OPERATIONAL SUPPORT SYSTEM
.GROUND SUPPORT SYSTEMS
.LIFE SUPPORT SYSTEMS
..BIOPAKS
..CLOSED ECOLOGICAL SYSTEMS
..EMERGENCY LIFE SUSTAINING SYSTEMS
...AEPS
..PORTABLE LIFE SUPPORT SYSTEMS
...AEPS
...IMLSS
RT SELF SEALING
SERVICES
% SYSTEMS

SUPPORTS
1501 1504 3202
UF MOUNTS
STANDS
GS #SUPPORTS
.PYLONS
.SADDLES (SUPPORTS)
.TRIPODS
RT BEARINGS
CARRIAGES
CHASSIS
FOUNDATIONS
FRAMES
GIMBALS
% HEADERS
LUGS
PIVOTS
% PLATFORMS
PYLON MOUNTING
RACKS (FRAMES)
REINFORCEMENT (STRUCTURES)
SHAFTS (MACHINE ELEMENTS)
STRUTS
SUBSTRUCTURES
SUPPORT INTERFERENCE
% SUSTAINING
TRUSSES

SUPPRESSION
USE RETARDING

SUPPRESSORS
0701 0704 0705
GS #SUPPRESSORS
.ECHO SUPPRESSORS
RT ABSORBERS (MATERIALS)
ADDITIVES
ATTENUATORS
BAFFLES
CIRCUIT PROTECTION
DAMPING
INFRARED SUPPRESSION
INHIBITORS
INSULATION
ISOLATORS
MUFFLERS
NEUTRALIZERS
NOISE REDUCTION
RETARDANTS
SHIELDING
SILENCERS
SQUELCH CIRCUITS

SURFACE ACOUSTIC WAVE DEVICES
0803 1002 1413
UF S-A-W DEVICES
RT ACOUSTIC DELAY LINES
BULK ACOUSTIC WAVE DEVICES
% DEVICES

```
      ELECTROACOUSTIC TRANSDUCERS
      ELECTROACOUSTICS
      INTERDIGITAL TRANSDUCERS
      MICROSONICS
      SIGNAL PROCESSING
      SOUND WAVES
      ULTRASONIC WAVE TRANSDUCERS

SURFACE COOLING
  1803 3303 3501
  GS  COOLING
      #SURFACE COOLING
  RT  CONVECTIVE HEAT TRANSFER
      EVAPORATIVE COOLING
      FILM COOLING
      RADIANT COOLING
      RADIATIVE HEAT TRANSFER
    % SURFACES
      SWEAT COOLING
      TEMPERATURE

SURFACE CRACKS
  1504 1704 3201 3203 3204
  UF  CRAZING
  GS  FRACTURES (MATERIALS)
      .CRACKS
      .#SURFACE CRACKS
      SURFACE PROPERTIES
      #SURFACE CRACKS
  RT  CRACK CLOSURE
      CRACK GEOMETRY
      CRACK INITIATION
      CRACK PROPAGATION
      MICROCRACKS
      SOLID SURFACES
    % SURFACES

SURFACE DEFECTS
  1702 1704 1805 3204
  GS  DEFECTS
      #SURFACE DEFECTS
      SURFACE PROPERTIES
      #SURFACE DEFECTS
  RT  CAUSTICS (OPTICS)
      CRACK INITIATION
      CRYSTAL DEFECTS
      CRYSTAL DISLOCATIONS
      FATIGUE (MATERIALS)
      MECHANICAL PROPERTIES
      POINT DEFECTS
    % SURFACES

SURFACE DIFFUSION
  0602 0603 1203 2311
  GS  DIFFUSION
      #SURFACE DIFFUSION
  RT  MOLECULAR DIFFUSION
    % SURFACES
      THERMAL DIFFUSION

SURFACE DISTORTION
  0602 0710 2301 2310 2402
  GS  DISTORTION
      #SURFACE DISTORTION
  RT % SURFACE GEOMETRY
    % SURFACES
      WARPAGE

SURFACE EFFECT SHIPS
  1204
  UF  SES
  GS  SURFACE VEHICLES
      #SURFACE EFFECT SHIPS
      WATER VEHICLES
      .SHIPS
      .#SURFACE EFFECT SHIPS
  RT  CAPTURED AIR BUBBLE VEHICLES
    % EFFECTS
      RESEARCH VEHICLES
    % SURFACES
      SWATH (SHIP)
    % VEHICLES

SURFACE EMITTING LASERS
  1601
  GS  STIMULATED EMISSION DEVICES
      .LASERS
      .#SURFACE EMITTING LASERS
  RT  LASER ARRAYS
      LASING
      LIGHT EMITTING DIODES
      SEMICONDUCTOR LASERS
      SOLID STATE LASERS
      STIMULATED EMISSION
      WAVEGUIDE LASERS

SURFACE ENERGY
  0603 2306 2308 2311
  GS  SURFACE PROPERTIES
      #SURFACE ENERGY
      THERMODYNAMIC PROPERTIES
      #SURFACE ENERGY
  RT  ACTIVATION ENERGY
      ELECTRON ENERGY
    % ENERGY
      INTERFACIAL ENERGY
      INTERFACIAL TENSION
      PROTON ENERGY
    % SURFACES
      THERMOPHYSICAL PROPERTIES

SURFACE FINISHING
  0602 1504 1704 2601
  GS  SURFACE TREATMENT
      #SURFACE FINISHING
  RT  CLEANING
      COATING
      COATINGS
      CORROSION PREVENTION
      CORROSION RESISTANCE
      ELECTROPLATING
      ELECTROPOLISHING
      FINISHES
      MACHINING
      METAL FINISHING
      METAL GRINDING
      METAL POLISHING
      METAL SPRAYING
      METAL SURFACES
      MICROMACHINING
      POLISHING
      PROTECTIVE COATINGS
      SHOT PEENING
      SOLID SURFACES
      SPUTTERING
    % SURFACES
      WEAR

% SURFACE GEOMETRY
  0101 1902 3203
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  CONCAVITY
      CONVEXITY
      COSSERAT SURFACES
      FLAT SURFACES
      FLATNESS
      GEOMETRY
      LAMBERT SURFACE
      LOFTING
      PLANFORMS
      SHAPES
      SURFACE DISTORTION
      SURFACE LAYERS
      SURFACE PROPERTIES
      SURFACE REACTIONS
      SURFACE ROUGHNESS
      SURFACE STABILITY
    % SURFACES

SURFACE INTERACTIONS
  USE SURFACE REACTIONS

SURFACE IONIZATION
```

0602 1804 2306
GS IONIZATION
#SURFACE IONIZATION
RT IONIZERS
% SURFACES

SURFACE LAYERS
0603 1202 1203 1301 1302
RT ATMOSPHERIC STRATIFICATION
BARRIER LAYERS
BOUNDARY LAYERS
CRYSTAL SURFACES
% LAYERS
LUNAR SURFACE
MONOMOLECULAR FILMS
OXIDE FILMS
SOLAR GRANULATION
% SURFACE GEOMETRY
SURFACE TREATMENT
% SURFACES
THERMOCLINES
% TRANSITION LAYERS

SURFACE NAVIGATION
2103
UF MARINE NAVIGATION
GS NAVIGATION
#SURFACE NAVIGATION
RT CELESTIAL NAVIGATION
DEAD RECKONING
DECCA NAVIGATION
DIGITAL NAVIGATION
HYPERBOLIC NAVIGATION
INERTIAL NAVIGATION
LORAC NAVIGATION SYSTEM
LORAN
NAUTICAL CHARTS
NAVIGATION AIDS
RADAR NAVIGATION
RADIO NAVIGATION
SHIPS
% SURFACES

SURFACE NOISE INTERACTIONS
2301
RT ACOUSTIC EXCITATION
ACOUSTIC SCATTERING
AEROACOUSTICS
AERODYNAMIC NOISE
TURBULENCE

SURFACE PRESSURE
USE PRESSURE

SURFACE PROPERTIES
0104 0601 0603 3201 3408
UF BARDEEN APPROXIMATION
GS #SURFACE PROPERTIES
.ADHESION
.ADSORPTIVITY
.COEFFICIENT OF FRICTION
.INTERFACIAL TENSION
.SPECTRAL REFLECTANCE
.SURFACE CRACKS
.SURFACE DEFECTS
.SURFACE ENERGY
.SURFACE ROUGHNESS
.SURFACE STABILITY
.SURFACE TEMPERATURE
..SKIN TEMPERATURE (NON-BIOLOGICAL)
..WALL TEMPERATURE
RT ABSORPTANCE
ALBEDO
ATOMIC FORCE MICROSCOPY
BIDIRECTIONAL REFLECTANCE
COARSENESS
COATING
COATINGS
COLOR
CONTACT POTENTIALS
CONTACT RESISTANCE
CORROSION
COSSERAT SURFACES
DIFFUSION
EFFERVESCENCE
EMISSIVITY
EVANESCENCE
FINISHES
FLAT SURFACES
FOAMING
FRICTION
HARDNESS
HOT CORROSION
INTERFACES
JUPITER RED SPOT
LUNAR ALBEDO
LUNAR SURFACE
LUNAR TOPOGRAPHY
MECHANICAL PROPERTIES
METAL SURFACES
OPTICAL PROPERTIES
PERMEABILITY
% PHYSICAL PROPERTIES
PLANAR STRUCTURES
PLANETARY SURFACES
PROFILOMETERS
% PROPERTIES
REFLECTANCE
ROUGHNESS
SELENOGRAPHY
SOLID SURFACES
SOLID-SOLID INTERFACES
SORPTION
% SURFACE GEOMETRY
SURFACE TREATMENT
% SURFACES
TEXTURES
VISCOSITY
VOID RATIO
WETTABILITY

SURFACE REACTIONS
0602 0603 1203 1309 3501
UF SURFACE INTERACTIONS
RT CHEMICAL REACTIONS
EROSION
FLUID-SOLID INTERACTIONS
GAS-LIQUID INTERACTIONS
INTERFACES
METAL SURFACES
METAL-WATER REACTIONS
SPACECRAFT GLOW
% SURFACE GEOMETRY
% SURFACES
SURFACTANTS
VAPORIZING

SURFACE ROUGHNESS
0101 0104 1202 1704 3006 3203
GS ROUGHNESS
#SURFACE ROUGHNESS
SURFACE PROPERTIES
#SURFACE ROUGHNESS
RT COARSENESS
FRICTION
LUNAR TOPOGRAPHY
MACHINING
MECHANICAL PROPERTIES
PROFILOMETERS
RUNWAY CONDITIONS
% SURFACE GEOMETRY
% SURFACES
TOPOGRAPHY

SURFACE ROUGHNESS EFFECTS
0101 0104 2102 3203
RT % EFFECTS
FRICTION DRAG
REFLECTANCE
SEPARATED FLOW
SPECKLE PATTERNS
% SURFACES

SURFACE STABILITY
1704 2602

```
  GS    STABILITY
        #SURFACE STABILITY
        SURFACE PROPERTIES
        #SURFACE STABILITY
  RT    COARSENESS
        DYNAMIC STABILITY
        INTERFACIAL TENSION
        MOTION STABILITY
        STATIC STABILITY
        STORAGE STABILITY
      % SURFACE GEOMETRY
      % SURFACES
        THERMAL STABILITY

SURFACE TEMPERATURE
  1408 2001 2003 3008 3303 3501
  GS    SURFACE PROPERTIES
        #SURFACE TEMPERATURE
        ..SKIN TEMPERATURE (NON-BIOLOGICAL)
        ..WALL TEMPERATURE
        TEMPERATURE
        #SURFACE TEMPERATURE
        ..SKIN TEMPERATURE (NON-BIOLOGICAL)
        ..WALL TEMPERATURE
  RT    COARSENESS
        GEOTHERMAL ANOMALIES
        LAND SURFACE TEMPERATURE
        OCEAN TEMPERATURE
        SEA SURFACE TEMPERATURE
      % SURFACES
        THERMOCLINES
        WATER TEMPERATURE

SURFACE TENSION
  USE   INTERFACIAL TENSION

SURFACE TO AIR MISSILES
  3101 3401
  UF    GROUND-TO-AIR MISSILES
  GS    MISSILES
        #SURFACE TO AIR MISSILES
        ..BLUE GOOSE MISSILE
        ..BOMARC MISSILES
        ...BOMARC A MISSILE
        ...BOMARC B MISSILE
        ..CHAPARRAL MISSILE
        ..HAWK MISSILE
        ..MAULER MISSILE
        ..NIKE MISSILES
        ...NIKE-AJAX MISSILE
        ...NIKE-HERCULES MISSILE
        ...NIKE-ZEUS MISSILE
        ..PATRIOT MISSILE
        ..REDEYE MISSILE
        ..SPRINT MISSILE
        ..TALOS MISSILE
        ..TARTAR MISSILE
        ..TERRIER MISSILE
  RT    AIR TO AIR MISSILES
        AIR TO SURFACE MISSILES
        ANTIAIRCRAFT MISSILES
        ANTIMISSILE MISSILES
        NIKE X SYSTEMS
        RAMJET MISSILES
      % ROCKETS
        SENTINEL SYSTEM
        SPACE WEAPONS
        SPARTAN MISSILE
      % SURFACES

SURFACE TO SURFACE MISSILES
  3101 3401
  GS    MISSILES
        #SURFACE TO SURFACE MISSILES
        ..ANTITANK MISSILES
        ...SHILLELAGH MISSILES
        ...TOW MISSILES
        ..CORPORAL MISSILE
        ..CRUISE MISSILES
        ...NAVAHO MISSILE
        ...TOMAHAWK MISSILES
        ..FLEET BALLISTIC MISSILES
        ...POLARIS A1 MISSILE
        ...POLARIS A2 MISSILE
        ...POLARIS A3 MISSILE
        ...POSEIDON MISSILES
        ...SUBROC MISSILE
        ..INTERCONTINENTAL BALLISTIC
          MISSILES
        ...ATLAS ICBM
        ....ATLAS D ICBM
        ....ATLAS E ICBM
        ....ATLAS F ICBM
        ...MINUTEMAN ICBM
        ...MX MISSILE
        ...TITAN ICBM
        ....TITAN 1 ICBM
        ....TITAN 2 ICBM
        ..INTERMEDIATE RANGE BALLISTIC
          MISSILES
        ...BLUE STREAK MISSILE
        ...JUPITER MISSILE
        ...POLARIS MISSILES
        ....POLARIS A1 MISSILE
        ....POLARIS A2 MISSILE
        ....POLARIS A3 MISSILE
        ..LANCE MISSILE
        ..MACE MISSILES
        ..PERSHING MISSILE
        ..REGULUS MISSILE
        ..SERGEANT MISSILES
        ..SHORT RANGE BALLISTIC MISSILES
        ..SUPERSONIC LOW ALTITUDE MISSILE
        ..V-1 MISSILE
  RT    AIR TO SURFACE MISSILES
        BALLISTIC MISSILES
        HARPOON MISSILE
        RAMJET MISSILES
      % ROCKETS
      % SURFACES

SURFACE TO SURFACE ROCKETS
  3106
  GS    ROCKET VEHICLES
        #SURFACE TO SURFACE ROCKETS
        ..HONEST JOHN ROCKET VEHICLE
        ..LITTLE JOHN ROCKET VEHICLE
  RT  % ROCKETS
      % SURFACES

SURFACE TREATMENT
  0602 1504 1704 2601
  GS  #SURFACE TREATMENT
        .SURFACE FINISHING
  RT    ANODIZING
        COATING
        CORROSION PREVENTION
        SURFACE LAYERS
        SURFACE PROPERTIES
      % TREATMENT

SURFACE VEHICLES
  3110
  GS  #SURFACE VEHICLES
        .AIRCRAFT CARRIERS
        .AUTOMATED TRANSIT VEHICLES
        ..AUTOMATED GUIDEWAY TRANSIT
          VEHICLES
        .BOATS
        ..LIFEBOATS
        .CAPTURED AIR BUBBLE VEHICLES
        .CARGO SHIPS
        ..SAVANNAH NUCLEAR SHIP
        ..TANKER SHIPS
        .DOLLIES
        .ELECTRIC HYBRID VEHICLES
        .LUNAR SURFACE VEHICLES
        ..LUNAR MOBILE LABORATORIES
        ..LUNAR ROVING VEHICLES
        ...LUNOKHOD LUNAR ROVING VEHICLES
        ...MANNED LUNAR SURFACE VEHICLES
        .MAGNETIC LEVITATION VEHICLES
        .MOTOR VEHICLES
        ..AUTOMATED MIXED TRAFFIC VEHICLES
        ..AUTOMOBILES
```

...ELECTRIC AUTOMOBILES
..ELECTRIC MOTOR VEHICLES
..TRACTORS
...CRAWLER TRACTORS
...TRACKED VEHICLES
..TRUCKS
...TANK TRUCKS
.NUCLEAR POWERED SHIPS
..SAVANNAH NUCLEAR SHIP
.ROADWAY POWERED VEHICLES
.ROVING VEHICLES
..LUNAR ROVING VEHICLES
...LUNOKHOD LUNAR ROVING VEHICLES
.SATELLITE COMMUNICATIONS SHIPS
.SLEDS
..ROCKET PROPELLED SLEDS
.SURFACE EFFECT SHIPS
.SWATH (SHIP)
.TANKS (COMBAT VEHICLES)
.TRANSPORTER
.WALKING MACHINES
RT AMPHIBIOUS VEHICLES
% BICYCLE
GROUND EFFECT MACHINES
RAIL TRANSPORTATION
RAILS
SHIPS
% SURFACES
UNDERWATER VEHICLES
URBAN TRANSPORTATION
% VEHICLES
VEHICULAR TRACKS
WATER VEHICLES

SURFACE WATER
1305 1306
GS WATER
#SURFACE WATER
RT EARTH RESOURCES
GROUND WATER
LAKES
PONDS
RIVERS
STREAMS
% SURFACES

SURFACE WAVES
1202 1203 2301 2312 3203
SN (EXCLUDES SURFACE RADIO WAVES)
GS #SURFACE WAVES
.CAPILLARY WAVES
..GRAVITY WAVES
...BAROCLINIC WAVES
..RIPPLES
.ELECTROMAGNETIC SURFACE WAVES
.SOMMERFELD WAVES
RT BOW WAVES
CNOIDAL WAVES
CRUSTAL FRACTURES
ELASTIC WAVES
INTERNAL WAVES
LEE WAVES
LIQUID SURFACES
LOVE WAVES
MICROSONICS
P WAVES
S WAVES
SEA ROUGHNESS
SEISMIC WAVES
SPLASHING
% SURFACES
TROPOSPHERIC WAVES
TSUNAMI WAVES
WATER CURRENTS
WATER WAVES
% WAVES

SURFACE-ACTIVE AGENTS
USE SURFACTANTS

% SURFACES
0101 0104 1202 1704 1902 2311 2601
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF CURVED SURFACES
LIFTING SURFACES
RT AIR TO SURFACE MISSILES
AIRFIELD SURFACE MOVEMENTS
AIRPORT SURFACE DETECTION EQUIPMENT
APOLLO LUNAR SURFACE EXPERIMENTS
PACKAGE
AREA
COLD SURFACES
CONTROL SURFACES
COSSERAT SURFACES
CRYSTAL SURFACES
EARTH SURFACE
EASEP
ELECTROMAGNETIC SURFACE WAVES
ELEVATORS (CONTROL SURFACES)
EXTERNAL SURFACE CURRENTS
FERMI SURFACES
FLAPS (CONTROL SURFACES)
FLAT SURFACES
HORIZONTAL TAIL SURFACES
HOT SURFACES
INTERFACES
INTERFACIAL TENSION
LAMBERT SURFACE
LIQUID SURFACES
LSSM
LUNAR SURFACE
LUNAR SURFACE VEHICLES
MANNED LUNAR SURFACE VEHICLES
MARS SURFACE
MARS SURFACE SAMPLES
MENISCI
METAL SURFACES
MINIMAL SURFACES
OCEAN SURFACE
PLANETARY SURFACES
SATELLITE SURFACES
SIZING (SURFACE TREATMENT)
SOLID SURFACES
SURFACE COOLING
SURFACE CRACKS
SURFACE DEFECTS
SURFACE DIFFUSION
SURFACE DISTORTION
SURFACE EFFECT SHIPS
SURFACE ENERGY
SURFACE FINISHING
% SURFACE GEOMETRY
SURFACE IONIZATION
SURFACE LAYERS
SURFACE NAVIGATION
SURFACE PROPERTIES
SURFACE REACTIONS
SURFACE ROUGHNESS
SURFACE ROUGHNESS EFFECTS
SURFACE STABILITY
SURFACE TEMPERATURE
SURFACE TO AIR MISSILES
SURFACE TO SURFACE MISSILES
SURFACE TO SURFACE ROCKETS
SURFACE VEHICLES
SURFACE WATER
SURFACE WAVES
SWEPTBACK TAIL SURFACES
T TAIL SURFACES
TABS (CONTROL SURFACES)
TAIL SURFACES
TOWNSEND AVALANCHE
TRAPEZOIDAL TAIL SURFACES
TWO DIMENSIONAL BODIES
UNDER SURFACE BLOWING
UNDERWATER TO SURFACE MISSILES
UPPER SURFACE BLOWING
UPPER SURFACE BLOWN FLAPS
VENUS SURFACE
WEAR

SURFACTANTS
0602 0603 1704

```
  UF    SURFACE-ACTIVE AGENTS
  RT    ADMIXTURES
      % AGENTS
        DETERGENTS
        MONOMOLECULAR FILMS
        PLASTICIZERS
        RETARDANTS
        SOAPS
        SURFACE REACTIONS

SURGEONS
  0401 0405
  GS    PERSONNEL
        .MEDICAL PERSONNEL
        .#SURGEONS
        ...FLIGHT SURGEONS

SURGERY
  0401 0405
  GS   #SURGERY
        .LABYRINTHECTOMY
  RT    CLINICAL MEDICINE
        HEART IMPLANTATION
      % OPERATIONS
        SKIN GRAFTS
        TRANSPLANTATION
        VETERINARY MEDICINE

SURGES
  0101 1202 1203 1504
  UF    TRANSIENTS (SURGES)
  RT    CIRCUIT PROTECTION
        FLUID FLOW
        OVERVOLTAGE
        STORM SURGES
        VARIATIONS
        WATER HAMMER
      % WAVES

SURGICAL INSTRUMENTS
  0405 0501
  GS    MEDICAL EQUIPMENT
        #SURGICAL INSTRUMENTS
  RT % INSTRUMENTS
        NEEDLES

SURINAM
  1305
  GS    NATIONS
        #SURINAM
  RT    CARIBBEAN REGION
        NETHERLANDS
        SOUTH AMERICA

SURVEILLANCE
  0502 0506 0705 0709 1109 3401
  GS   #SURVEILLANCE
        .SPACE SURVEILLANCE (GROUND BASED)
        .SPACE SURVEILLANCE (SPACEBORNE)
  RT    COMMAND AND CONTROL
        CONICAL SCANNING
        CRIME
        DETECTION
        EARTH RESOURCES
        FOREST FIRE DETECTION
        ICE MAPPING
        ICE REPORTING
        INSPECTION
        OBSERVATION
        PANORAMIC SCANNING
        RADAR SCANNING
        RECONNAISSANCE
        SCANNING
        TARGET ACQUISITION
        TARGET RECOGNITION
        TARGETS

SURVEILLANCE RADAR
  0705 0709 1109 3401
  GS    RADAR
        #SURVEILLANCE RADAR
        ..AIRBORNE SURVEILLANCE RADAR
        ..COBRA DANE (RADAR)
        ..MULTISTATIC RADAR
  RT    AIR TRAFFIC CONTROL
        AIRPORT SURFACE DETECTION EQUIPMENT
        COHERENT RADAR
        CONTINUOUS WAVE RADAR
        DIGITAL RADAR SYSTEMS
        DOPPLER RADAR
        METEOROLOGICAL RADAR
        PULSE RADAR
        RADAR APPROACH CONTROL
        RADAR TRACKING
        RADARSCOPES
        SATELLITE-BORNE RADAR
        SEARCH RADAR
        SYNTHETIC APERTURE RADAR
        TRACKING RADAR

SURVEYING
  USE   SURVEYS

SURVEYOR LUNAR PROBES
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        .#SURVEYOR LUNAR PROBES
        ...SURVEYOR 1 LUNAR PROBE
        ...SURVEYOR 2 LUNAR PROBE
        ...SURVEYOR 3 LUNAR PROBE
        ...SURVEYOR 4 LUNAR PROBE
        ...SURVEYOR 5 LUNAR PROBE
        ...SURVEYOR 6 LUNAR PROBE
        ...SURVEYOR 7 LUNAR PROBE
        SOFT LANDING SPACECRAFT
        #SURVEYOR LUNAR PROBES
        ..SURVEYOR 1 LUNAR PROBE
        ..SURVEYOR 2 LUNAR PROBE
        ..SURVEYOR 3 LUNAR PROBE
        ..SURVEYOR 4 LUNAR PROBE
        ..SURVEYOR 5 LUNAR PROBE
        ..SURVEYOR 6 LUNAR PROBE
        ..SURVEYOR 7 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ..#SURVEYOR LUNAR PROBES
        ....SURVEYOR 1 LUNAR PROBE
        ....SURVEYOR 2 LUNAR PROBE
        ....SURVEYOR 3 LUNAR PROBE
        ....SURVEYOR 4 LUNAR PROBE
        ....SURVEYOR 5 LUNAR PROBE
        ....SURVEYOR 6 LUNAR PROBE
        ....SURVEYOR 7 LUNAR PROBE

SURVEYOR PROJECT
  3004 3110 3409
  GS    PROGRAMS
        .LUNAR PROGRAMS
        .#SURVEYOR PROJECT
        .NASA PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#SURVEYOR PROJECT
        .PROJECTS
        .#SURVEYOR PROJECT
        .SPACE PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#SURVEYOR PROJECT
  RT    ATLAS CENTAUR LAUNCH VEHICLE
        CENTAUR PROJECT
        LUNAR LANDING
        LUNAR PROBES
        LUNAR SPACECRAFT
        SOFT LANDING
        SOFT LANDING SPACECRAFT

SURVEYOR 1 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..SURVEYOR LUNAR PROBES
        ..#SURVEYOR 1 LUNAR PROBE
        SOFT LANDING SPACECRAFT
        .SURVEYOR LUNAR PROBES
```

```
        .#SURVEYOR 1 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...SURVEYOR LUNAR PROBES
        ...#SURVEYOR 1 LUNAR PROBE
  RT    ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 2 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..SURVEYOR LUNAR PROBES
        ..#SURVEYOR 2 LUNAR PROBE
        SOFT LANDING SPACECRAFT
        .SURVEYOR LUNAR PROBES
        .#SURVEYOR 2 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...SURVEYOR LUNAR PROBES
        ...#SURVEYOR 2 LUNAR PROBE
  RT    ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 3 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..SURVEYOR LUNAR PROBES
        ..#SURVEYOR 3 LUNAR PROBE
        SOFT LANDING SPACECRAFT
        .SURVEYOR LUNAR PROBES
        .#SURVEYOR 3 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...SURVEYOR LUNAR PROBES
        ...#SURVEYOR 3 LUNAR PROBE
  RT    ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 4 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..SURVEYOR LUNAR PROBES
        ..#SURVEYOR 4 LUNAR PROBE
        SOFT LANDING SPACECRAFT
        .SURVEYOR LUNAR PROBES
        .#SURVEYOR 4 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...SURVEYOR LUNAR PROBES
        ...#SURVEYOR 4 LUNAR PROBE
  RT    ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 5 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..SURVEYOR LUNAR PROBES
        ..#SURVEYOR 5 LUNAR PROBE
        SOFT LANDING SPACECRAFT
        .SURVEYOR LUNAR PROBES
        .#SURVEYOR 5 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...SURVEYOR LUNAR PROBES
        ...#SURVEYOR 5 LUNAR PROBE
  RT    ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 6 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..SURVEYOR LUNAR PROBES
        ..#SURVEYOR 6 LUNAR PROBE
        SOFT LANDING SPACECRAFT
        .SURVEYOR LUNAR PROBES
        .#SURVEYOR 6 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...SURVEYOR LUNAR PROBES
        ...#SURVEYOR 6 LUNAR PROBE
  RT    ATLAS CENTAUR LAUNCH VEHICLE

SURVEYOR 7 LUNAR PROBE
  3004 3108
  GS    LUNAR SPACECRAFT
        .LUNAR PROBES
        ..SURVEYOR LUNAR PROBES
        ..#SURVEYOR 7 LUNAR PROBE
        SOFT LANDING SPACECRAFT
        .SURVEYOR LUNAR PROBES
        .#SURVEYOR 7 LUNAR PROBE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..LUNAR PROBES
        ...SURVEYOR LUNAR PROBES
        ...#SURVEYOR 7 LUNAR PROBE
  RT    ATLAS CENTAUR LAUNCH VEHICLE

SURVEYS
  1905 3406
  UF    SURVEYING
  GS   #SURVEYS
        .GEODETIC SURVEYS
        .GEOLOGICAL SURVEYS
        .SKY SURVEYS (ASTRONOMY)
        .WAGE SURVEYS
  RT    ACCURACY
        CONSTRUCTION
     %  CROSS SECTIONS
        DATA ACQUISITION
        DATA MANAGEMENT
        DATUM (ELEVATION)
        EXPLORATION
        GENERAL OVERVIEWS
        GEOMETRY
        LAYOUTS
        LORAN
        MAPPING
        MAPS
        PHOTOGRAMMETRY
        POSITION (LOCATION)
        RECONNAISSANCE
        SOIL MAPPING
     %  STATISTICS

SURVIVAL
  0404 0507 0508 3104
  RT    AIRCRAFT SURVIVABILITY
        CIVIL DEFENSE
        CLOSED ECOLOGICAL SYSTEMS
        DESERT ADAPTATION
        KITS
        LIFE SUPPORT SYSTEMS
        LUNAR SHELTERS
        SHELTERS
        SPACECRAFT SURVIVABILITY

SURVIVAL EQUIPMENT
  0404 0507 0508 3104
  RT    AEPS
        AIRCRAFT SURVIVABILITY
        CONSUMABLES (SPACECREW SUPPLIES)
        EMERGENCY LIFE SUSTAINING SYSTEMS
     %  EQUIPMENT
        LIFEBOATS
        ONBOARD EQUIPMENT
        OXYGEN SUPPLY EQUIPMENT
        RAFTS

SUSCEPTIBILITY (MAGNETISM)
  USE   MAGNETIC PERMEABILITY

SUSPENDING (HANGING)
  1403 1504 2308 3203
  GS   #SUSPENDING (HANGING)
        .MAGNETIC SUSPENSION
  RT    GYROSCOPE FLUIDS
        MOUNTING
        SUSPENSION SYSTEMS (VEHICLES)
```

```
    % SUSPENSIONS

SUSPENDING (MIXING)
  0603 1202
  GS   MIXING
       #SUSPENDING (MIXING)
  RT   AERATION
       AGITATION
       COLLOIDING
       DISPERSING
       DISPERSIONS
       ENTRAINMENT
       FERROFLUIDS
       HOMOGENIZING
       SHAKING
       STIRRING
    % SUSPENSIONS

SUSPENSION SYSTEMS (VEHICLES)
  0202 0303 1403 1504 2308
  RT   BEARINGS
       FLOTATION
       LEVITATION
       MAGNETIC LEVITATION VEHICLES
       RIDING QUALITY
       SHOCK ABSORBERS
       SPRINGS (ELASTIC)
       STEERING
       SUSPENDING (HANGING)
    % SUSPENSIONS
    % SYSTEMS
       TOROIDAL WHEELS
       UNDERCARRIAGES
       VEHICLE WHEELS
       VEHICULAR TRACKS
       VIBRATION ISOLATORS

% SUSPENSIONS
  0404 0603 1202 1504 2603
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   BROWNIAN MOVEMENTS
       DISPERSIONS
       FERROFLUIDS
       SOLID SUSPENSIONS
       SUSPENDING (HANGING)
       SUSPENDING (MIXING)
       SUSPENSION SYSTEMS (VEHICLES)

SUSQUEHANNA RIVER BASIN (MD-NY-PA)
  1305
  GS   LANDFORMS
       .STRUCTURAL BASINS
       ..RIVER BASINS
       ..#SUSQUEHANNA RIVER BASIN
          (MD-NY-PA)
  RT   MARYLAND
       NEW YORK
       PENNSYLVANIA
       RIVERS
       STREAMS
       VALLEYS

SUSTAINER ROCKET ENGINES
  0202 1504
  GS   ENGINES
       .ROCKET ENGINES
       .#SUSTAINER ROCKET ENGINES
  RT   BOOSTER ROCKET ENGINES
       DUCTED ROCKET ENGINES
       ELECTRIC ROCKET ENGINES
       ELECTROSTATIC ENGINES
       ELECTROTHERMAL ENGINES
       HYBRID PROPELLANT ROCKET ENGINES
       INTERNAL COMBUSTION ENGINES
       ION ENGINES
       LAUNCH VEHICLES
       LIQUID AIR CYCLE ENGINES
       LIQUID PROPELLANT ROCKET ENGINES
       NUCLEAR ENGINE FOR ROCKET VEHICLES
       NUCLEAR ROCKET ENGINES
       RESTARTABLE ROCKET ENGINES
       SOLID PROPELLANT ROCKET ENGINES
       STAGE SEPARATION
    % SUSTAINING
       TURBOROCKET ENGINES
       TX-354 ENGINE

% SUSTAINING
  1504 2308 2801
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   LIFE SUPPORT SYSTEMS
       SUPPORTS
       SUSTAINER ROCKET ENGINES

SWAGING
  1504 1507 1702
  RT   COLD WORKING
       METAL WORKING
       STAMPING

SWALLOWING
  0404 0408 0505
  RT   DRINKING
       EATING
       INGESTION (BIOLOGY)

SWAMPS
  USE  MARSHLANDS

SWAN BANDS
  0605 1411
  GS   SPECTRA
       .SPECTRAL BANDS
       .#SWAN BANDS
  RT % BANDS
       CARBON COMPOUNDS
       CHEMICAL BONDS
       EMISSION SPECTRA
       MOLECULAR SPECTRA

SWARMING
  3407
  RT   BEES
     % MOTION

SWASH
  USE  SPLASHING

SWATH (SHIP)
  1104
  UF   SMALL WATER PLANE AREA TWIN HULL
  GS   SURFACE VEHICLES
       #SWATH (SHIP)
       WATER VEHICLES
       .SHIPS
       .#SWATH (SHIP)
  RT   CAPTURED AIR BUBBLE VEHICLES
       HULLS (STRUCTURES)
       SURFACE EFFECT SHIPS
     % VEHICLES

SWATH WIDTH
  1409
  RT   AGRICULTURAL AIRCRAFT
       FLIGHT PATHS
       REMOTE SENSING
       SATELLITE OBSERVATION

SWAZILAND
  1305
  GS   NATIONS
       #SWAZILAND
  RT   AFRICA
       REPUBLIC OF SOUTH AFRICA

SWEAT
  0408
  GS   BODY FLUIDS
       #SWEAT
       SECRETIONS
       #SWEAT
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```
  RT   PERSPIRATION

SWEAT COOLING
  1504 1803 3303 3501
  UF   TRANSPIRATION COOLING
  GS   COOLING
       .EVAPORATIVE COOLING
       .#SWEAT COOLING
  RT   FILM COOLING
       LIQUID COOLING
       SURFACE COOLING

SWEATING
  USE  PERSPIRATION

SWEDEN
  1305
  GS   NATIONS
       #SWEDEN
  RT   EUROPE
       SCANDINAVIA
       SWEDISH SPACE PROGRAM

SWEDISH SPACE PROGRAM
  3409 3009
  GS   PROGRAMS
       .SPACE PROGRAMS
       ..EUROPEAN SPACE PROGRAMS
       ..#SWEDISH SPACE PROGRAM
  RT   SWEDEN

SWEEP ANGLE
  0101 0102 0103 1902
  GS   GEOMETRY
       .EUCLIDEAN GEOMETRY
       ..ANGLES (GEOMETRY)
       ..#SWEEP ANGLE
       ....SWEEPBACK
       .....LEADING EDGE SWEEP
  RT   AERODYNAMIC STALLING
       ANGLE OF ATTACK
       BOUNDARY LAYER SEPARATION
       MACH NUMBER

SWEEP CIRCUITS
  0902
  GS   CIRCUITS
       #SWEEP CIRCUITS
  RT   FREQUENCY SCANNING
       OSCILLOSCOPES
       SAMPLING

SWEEP EFFECT
  0101 0104 1202 1203
  RT % EFFECTS
       FORCE DISTRIBUTION
       LIFT
     % LOADING
       WING LOADING

SWEEP FREQUENCY
  0705 0710 2402
  UF   ELECTRON SWEEPING
  GS   FREQUENCIES
       #SWEEP FREQUENCY
  RT   CARRIER FREQUENCIES
       FREQUENCY ANALYZERS
       FREQUENCY SCANNING
       FREQUENCY SYNCHRONIZATION
       OSCILLOSCOPES
       TELEVISION TRANSMISSION

SWEEPBACK
  0101 1202 3408
  UF   SWEEPBACK ANGLES
  GS   GEOMETRY
       .EUCLIDEAN GEOMETRY
       ..ANGLES (GEOMETRY)
       ...SWEEP ANGLE
       ...#SWEEPBACK
       .....LEADING EDGE SWEEP
  RT   SUPERSONIC AIRFOILS

SWEEPBACK ANGLES
  USE  SWEEPBACK

SWELLING
  0602 1704 3203 3303 3501
  RT   DISTORTION
       EXPANSION
       GROWTH
       INCREASING
       INFLATING
       SPREADING

SWEPT FORWARD WINGS
  0104
  GS   AIRFOILS
       .WINGS
       ..SWEPT WINGS
       ..#SWEPT FORWARD WINGS
       ....TRAPEZOIDAL WINGS
       PLANFORMS
       .WING PLANFORMS
       .#SWEPT FORWARD WINGS
       ...TRAPEZOIDAL WINGS
  RT   SWEPTBACK WINGS
       VARIABLE SWEEP WINGS
       X-29 AIRCRAFT

SWEPT WINGS
  0102 0104 0202
  UF   CRANKED WINGS
       DIAMOND WINGS
       TAPERED WINGS
  GS   AIRFOILS
       .WINGS
       .#SWEPT WINGS
       ...SWEPT FORWARD WINGS
       ....TRAPEZOIDAL WINGS
       ...SWEPTBACK WINGS
       ....ARROW WINGS
       ....DELTA WINGS
       ....TRAPEZOIDAL WINGS
  RT   A-300 AIRCRAFT
       A-310 AIRCRAFT
       A-320 AIRCRAFT
       FIXED WINGS
       SPANLOADER AIRCRAFT
       UNSWEPT WINGS
       WING PLANFORMS

SWEPTBACK TAIL SURFACES
  0102 0104 0202
  GS   PLANFORMS
       #SWEPTBACK TAIL SURFACES
       TAIL SURFACES
       #SWEPTBACK TAIL SURFACES
  RT   CONTROL SURFACES
       HYPERSONIC AIRCRAFT
       RUDDERS
       STABILIZERS (FLUID DYNAMICS)
       SUPERSONIC AIRFOILS
     % SURFACES
       T TAIL SURFACES
       TRAPEZOIDAL TAIL SURFACES

SWEPTBACK WINGS
  0102 0104 0202
  GS   AIRFOILS
       .WINGS
       ..SWEPT WINGS
       ..#SWEPTBACK WINGS
       ....ARROW WINGS
       ....DELTA WINGS
       ....TRAPEZOIDAL WINGS
       PLANFORMS
       .WING PLANFORMS
       .#SWEPTBACK WINGS
       ...ARROW WINGS
       ...DELTA WINGS
       ...TRAPEZOIDAL WINGS
  RT   HYPERSONIC AIRCRAFT
       SUPERSONIC AIRCRAFT
       SUPERSONIC AIRFOILS
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      SWEPT FORWARD WINGS
      VARIABLE SWEEP WINGS

SWIMMING
  0502
  RT  PHYSICAL EXERCISE
      PHYSICAL FITNESS

SWIMMING POOL REACTORS
  2202 2204
  GS  NUCLEAR REACTORS
      .LIQUID COOLED REACTORS
      ..WATER COOLED REACTORS
      ..#SWIMMING POOL REACTORS
  RT % REACTORS

SWINE
  0402 0404
  SN  (EXCLUDES GUINEA PIGS)
  UF  PIGS (SWINE)
  GS  ANIMALS
      .VERTEBRATES
      ..MAMMALS
      ..#SWINE
  RT  GRAZING
      LIVESTOCK

SWING TAIL ASSEMBLIES
  0201 0207
  GS  ASSEMBLIES
      .TAIL ASSEMBLIES
      .#SWING TAIL ASSEMBLIES
  RT  AFTERBODIES
      AIRCRAFT PARTS
      AIRCRAFT STRUCTURES

SWING WINGS
  0102 0104
  GS  AIRFOILS
      .WINGS
      .#SWING WINGS
  RT  AIRCRAFT PARTS
      AIRCRAFT STRUCTURES
      WING PLANFORMS
      WING PROFILES

SWINGBY TECHNIQUE
  3006 3007
  UF  GRAVITY ASSIST TRAJECTORIES
  RT  FLYBY MISSIONS
      GRAVITATIONAL EFFECTS
      INTERPLANETARY TRANSFER ORBITS
      ORBITAL MECHANICS
      PLANETARY ORBITS
      ROUND TRIP TRAJECTORIES
      SPACECRAFT TRAJECTORIES

SWIRLING
  1202 1203
  RT  AGITATION
      CENTRIFUGING
      DISPERSING
      FOAMING
      MIXING
    % SEPARATION
      SHAKING
      STIRRING

SWIRLING WAKES
  USE TURBULENT WAKES

SWISS SPACE PROGRAM
  3409
  GS  PROGRAMS
      .SPACE PROGRAMS
      ..EUROPEAN SPACE PROGRAMS
      ..#SWISS SPACE PROGRAM
  RT  SWITZERLAND

SWITCHES
  0902 0904 1001 1504
  GS #SWITCHES
      .CAPACITANCE SWITCHES
      .ELECTRIC RELAYS
      .ELECTRIC SWITCHES
      ..CRYOTRONS
      ..STEPPING SWITCHES
      ..THERMOSTATS
      ..VACUUM ARC SWITCHES
      .PRESSURE SWITCHES
      .SWITCHING CIRCUITS
      ..FLUID SWITCHING ELEMENTS
      .TRIGATRONS
  RT  CIRCUIT BREAKERS
      DROPOUTS
      ECHO SUPPRESSORS
      ELECTRIC CONNECTORS
      ELECTRIC CONTACTS
      INTERRUPTION
      SELECTORS
      SWITCHING

SWITCHING
  1001 3407
  GS #SWITCHING
      .BEAM SWITCHING
      .MAGNETIC SWITCHING
      .MICROWAVE SWITCHING
      .OPTICAL SWITCHING
      .PACKET SWITCHING
  RT  CODE DIVISION MULTIPLE ACCESS
      INTERRUPTION
      SEQUENCING
      STEP RECOVERY DIODES
      SWITCHES
      TIME DIVISION MULTIPLE ACCESS

SWITCHING CIRCUITS
  0801 0902 1001 1002
  UF  ELECTRONIC SWITCHES
      SWITCHING ELEMENTS
  GS  CIRCUITS
      #SWITCHING CIRCUITS
      ..FLUID SWITCHING ELEMENTS
      SWITCHES
      #SWITCHING CIRCUITS
      ..FLUID SWITCHING ELEMENTS
  RT  ARPA COMPUTER NETWORK
      CAPACITANCE SWITCHES
      CIRCUIT BREAKERS
      CURRENT REGULATORS
      DUPLEX OPERATION
      DUPLEXERS
      ELECTRIC RELAYS
      ELECTRIC SWITCHES
      GATES (CIRCUITS)
      LATCH-UP
      LOGIC CIRCUITS
      MATRICES (CIRCUITS)
      MICROWAVE SWITCHING
      MULTIVIBRATORS
      OPTICAL BISTABILITY
      OPTICAL SWITCHING
      PACKET SWITCHING
      SELECTORS
      SQUELCH CIRCUITS
      VACUUM ARC SWITCHES
      VOLTAGE REGULATORS

SWITCHING ELEMENTS
  USE SWITCHING CIRCUITS

SWITCHING THEORY
  0702 0801 1001
  RT  BOOLEAN ALGEBRA
      BRANCHING (MATHEMATICS)
      COMMUNICATION THEORY
      COMMUTATION
      LOGIC DESIGN
      NETWORK SYNTHESIS
      PACKET SWITCHING
      SEQUENCING
    % THEORIES
      TOPOLOGY
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SWITZERLAND
  1305
  GS   NATIONS
       #SWITZERLAND
  RT   ALPS MOUNTAINS (EUROPE)
       EUROPE
       SWISS SPACE PROGRAM

SWIVELS
  1502 1504
  RT   BEARINGS
       GIMBALS
       HINGES
       HOOKS
       JOINTS (JUNCTIONS)
       PIVOTS

SYENITE
  1305 1806
  GS   ROCKS
       .IGNEOUS ROCKS
       .#SYENITE
  RT   SOILS
       TRACHYTE

SYLLABLES
  0703
  GS   COMMUNICATION THEORY
       .WORDS (LANGUAGE)
       .#SYLLABLES
       LANGUAGES
       .SENTENCES
       ..WORDS (LANGUAGE)
       ..#SYLLABLES
       LINGUISTICS
       .SYNTAX
       ..SENTENCES
       ...WORDS (LANGUAGE)
       ...#SYLLABLES
       SIGNAL RECEPTION
       #SYLLABLES
       SPEECH
       .TALKING
       ..WORDS (LANGUAGE)
       ..#SYLLABLES
  RT   MESSAGES
       PSYCHOLINGUISTICS
       SEMANTICS
       SIGNAL TRANSMISSION

SYMBIOSIS
  0404
  RT   ECOLOGY
       LICHENS

SYMBIOTIC STARS
  3001
  GS   CELESTIAL BODIES
       .STARS
       ..DOUBLE STARS
       ...BINARY STARS
       ...#SYMBIOTIC STARS
       ..PECULIAR STARS
       ..#SYMBIOTIC STARS
       ..VARIABLE STARS
       ..#SYMBIOTIC STARS
  RT   ABSORPTION SPECTRA
       ECLIPSING BINARY STARS
       EMISSION SPECTRA
       FLARE STARS
       M STARS
       NOVAE
       STELLAR ENVELOPES
       STELLAR MASS ACCRETION
       STELLAR OSCILLATIONS
       STELLAR SPECTRA
       STELLAR TEMPERATURE

SYMBOLIC PROGRAMMING
  0802 0803
  GS   COMPUTER PROGRAMMING
       #SYMBOLIC PROGRAMMING
  RT   CODING
       COMPUTER ASSISTED INSTRUCTION
       CONTEXT FREE LANGUAGES
       LANGUAGE PROGRAMMING
       MNEMONICS

SYMBOLS
  0703 0802 0803 1201 1902
  UF   CHARACTERS
       LETTERS (SYMBOLS)
       SIGNS (SYMBOLS)
  GS   SIGNAL RECEPTION
       #SYMBOLS
  RT   ALPHABETS
       ALPHANUMERIC CHARACTERS
       CHARACTER RECOGNITION
     % CODES
       CODING
       COLOR
       DATA PROCESSING
       DIGITS
       HIGH LEVEL LANGUAGES
       LANGUAGES
       LEGIBILITY
     % MATHEMATICS
       MESSAGE PROCESSING
       MESSAGES
       MNEMONICS
       NOMENCLATURES
       PERCEPTION
       READING
       SEMANTICS
       UNITS OF MEASUREMENT
       VISIBILITY

SYMMETRICAL BODIES
  0102 0104 1202 3203
  GS   #SYMMETRICAL BODIES
       .AXISYMMETRIC BODIES
       .BODIES OF REVOLUTION
       ..CONICAL BODIES
       ...SLENDER CONES
       ..CYLINDRICAL BODIES
       ...ROTATING CYLINDERS
       ..PARABOLIC BODIES
       ..SPHERES
       ...CELESTIAL SPHERE
       ...CONCENTRIC SPHERES
       ...FALLING SPHERES
       ...POINCARE SPHERES
       ...ROTATING SPHERES
       ..TORUSES
       .ELLIPSOIDS
       .LENTICULAR BODIES
       .STREAMLINED BODIES
       ..FAIRINGS
  RT   AXES OF ROTATION
       BLUNT BODIES
     % BODIES
       CONES
       FINNED BODIES
       FLARED BODIES
       GEOIDS
       OGIVES
       SLENDER BODIES
       SPINNING UNGUIDED ROCKET TRAJECTORY

SYMMETRY
  1902 2311
  UF   AXISYMMETRY
  GS   #SYMMETRY
       .BROKEN SYMMETRY
       .SUPERSYMMETRY
  RT   ANTISYMMETRY
       ASYMMETRY
       CONGRUENCES
       CONTINUITY (MATHEMATICS)
       ECCENTRICITY
       GEOMETRY
       GRAND UNIFIED THEORY
       ISOTROPISM
       QUANTILES
       SHAPES
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SYMMETRY BREAKING
  USE  BROKEN SYMMETRY

SYMPATHETIC NERVOUS SYSTEM
  0404 0408
  GS   ANATOMY
       .NERVOUS SYSTEM
       ..AUTONOMIC NERVOUS SYSTEM
       ..#SYMPATHETIC NERVOUS SYSTEM
  RT % SYSTEMS

SYMPATHOMIMETICS
  USE  ADRENERGICS

SYMPHONIE SATELLITES
  0702 3107
  GS   ARTIFICIAL SATELLITES
       .COMMUNICATION SATELLITES
       .#SYMPHONIE SATELLITES
  RT   ARCOMSAT
       BROADCASTING
       EUROPEAN SPACE PROGRAMS
       FRENCH SATELLITES
       INTERNATIONAL COOPERATION
       RADIO TRANSMISSION
       SATELLITE TELEVISION
       SYNCHRONOUS SATELLITES
       TELEPHONY

SYMPOSIA
  USE  CONFERENCES

SYMPTOMOLOGY
  0401 0405 0408
  GS   MEDICAL SCIENCE
       #SYMPTOMOLOGY
  RT   DISEASES
       SIGNS AND SYMPTOMS

SYMPTOMS
  USE  SIGNS AND SYMPTOMS

SYNAPSES
  0404 0408
  RT   NERVES
       NERVOUS SYSTEM
       NEUROMUSCULAR TRANSMISSION
       NEURONS
       NEUROTRANSMITTERS
       SYNCODERS

SYNCHROCYCLOTRONS
  2202 2304 2308 2403
  GS   PARTICLE ACCELERATORS
       .CYCLIC ACCELERATORS
       .#SYNCHROCYCLOTRONS
       .CYCLOTRONS
       .#SYNCHROCYCLOTRONS
  RT   BEVATRON
       SYNCHROTRONS

SYNCHRONISM
  0705 0710 1002 1407 3406
  UF   BEAT
       SYNCHRONIZATION
  GS  #SYNCHRONISM
       .BIT SYNCHRONIZATION
       .FREQUENCY SYNCHRONIZATION
  RT   COINCIDENCE CIRCUITS
       DINING PHILOSOPHERS PROBLEM
       PHASE DETECTORS
       STROBOSCOPES
       SYNCHRONIZERS
       SYNCHROPHASING
       TIME
       TIME MEASUREMENT

SYNCHRONIZATION
  USE  SYNCHRONISM

SYNCHRONIZED OSCILLATORS
  0701 0710 0905 2402
  GS   OSCILLATORS
       #SYNCHRONIZED OSCILLATORS
  RT   FREQUENCY SYNCHRONIZATION
       PHASE LOCKED SYSTEMS
       SYNCHROSCOPES

SYNCHRONIZERS
  0701 0905 2309 2402
  RT   HELIOSTATS
       PULSE RADAR
       SERVOMOTORS
       SYNCHRONISM

SYNCHRONOUS COMMUNICATION SATELLITES
  USE  SYNCOM SATELLITES

SYNCHRONOUS COMMUNICATIONS SATELLITE PROJ
  0706 3107 3409
  SN   (SYNCHRONOUS COMMUNICATIONS
       SATELLITE PROJECT)
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#SYNCHRONOUS COMMUNICATIONS
          SATELLITE PROJ
       .PROJECTS
       .#SYNCHRONOUS COMMUNICATIONS
          SATELLITE PROJ
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#SYNCHRONOUS COMMUNICATIONS
          SATELLITE PROJ
  RT   COMMUNICATION SATELLITES
       TWENTY-FOUR HOUR ORBITS

SYNCHRONOUS DETECTORS
  USE  CORRELATORS

SYNCHRONOUS EARTH OBSERVATORY SATELLITE
  2003 2004 3107 3409
  UF   SEOS
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       .#SYNCHRONOUS EARTH OBSERVATORY
         SATELLITE
       ...SMS 1
       ...SMS 2
       .SYNCHRONOUS SATELLITES
       .#SYNCHRONOUS EARTH OBSERVATORY
         SATELLITE
       ...SMS 1
       ...SMS 2
  RT   EARLY WARNING SYSTEMS
       LANDSAT SATELLITES
       NASA PROGRAMS
       PROGRAMS
       SATELLITE OBSERVATION
       SEASAT SATELLITES
       SYNCHRONOUS METEOROLOGICAL
       SATELLITE
       TECHNOLOGY UTILIZATION

SYNCHRONOUS METEOROLOGICAL SATELLITE
  2003 2004 3107
  UF   SMS
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       .#SYNCHRONOUS METEOROLOGICAL
         SATELLITE
       ...SMS 1
       ...SMS 2
       .SYNCHRONOUS SATELLITES
       .#SYNCHRONOUS METEOROLOGICAL
         SATELLITE
       ...SMS 1
       ...SMS 2
  RT   COMMUNICATION SATELLITES
       SYNCHRONOUS EARTH OBSERVATORY
       SATELLITE

SYNCHRONOUS MOTORS
  0904 1504
```

GS MOTORS
.ELECTRIC MOTORS
.#SYNCHRONOUS MOTORS
RT ASYNCHRONOUS MOTORS
INDUCTION MOTORS

SYNCHRONOUS PLATFORMS
1901
UF GEOSTATIONARY PLATFORMS
GS SPACE PLATFORMS
#SYNCHRONOUS PLATFORMS
RT COMMUNICATION SATELLITES
GEOSYNCHRONOUS ORBITS
% PLATFORMS

SYNCHRONOUS SATELLITES
0706 0709 1904 3006 3107
UF GEOSTATIONARY SATELLITES
GS ARTIFICIAL SATELLITES
#SYNCHRONOUS SATELLITES
..AEROS SATELLITE
..AEROSAT SATELLITES
..ANIK SATELLITES
...ANIK 1
...ANIK 2
...ANIK 3
..GOES SATELLITES
...GOES 1
...GOES 2
...GOES 3
...GOES 4
...GOES 5
...GOES 6
...GOES 7
..MIRANDA SATELLITE
..SIRIO SATELLITE
..STORMSAT SATELLITE
..SYNCHRONOUS EARTH OBSERVATORY SATELLITE
...SMS 1
...SMS 2
..SYNCHRONOUS METEOROLOGICAL SATELLITE
...SMS 1
...SMS 2
..SYNCOM SATELLITES
...EARLY BIRD SATELLITES
...SYNCOM 1 SATELLITE
...SYNCOM 2 SATELLITE
...SYNCOM 3 SATELLITE
..TD SATELLITES
...TD-1 SATELLITE
RT ACTIVE SATELLITES
ARCOMSAT
CANADIAN SPACE PROGRAM
COMMUNICATION SATELLITES
COMMUNICATIONS TECHNOLOGY SATELLITE
MILITARY SPACECRAFT
NAVIGATION SATELLITES
PASSIVE SATELLITES
REFSAT
STATIONARY ORBITS
SYMPHONIE SATELLITES
TWENTY-FOUR HOUR ORBITS

SYNCHROPHASING
0705
RT AIRCRAFT NOISE
NOISE REDUCTION
PROPELLER BLADES
SYNCHRONISM

SYNCHROPHASOTRONS
2401 2403
GS PARTICLE ACCELERATORS
#SYNCHROPHASOTRONS
RT % ACCELERATORS
SYNCHROTRONS

SYNCHROSCOPES
0905
GS CIRCUITS
.PHASE DETECTORS
.#SYNCHROSCOPES
RT CORRELATORS
MEASURING INSTRUMENTS
OSCILLOSCOPES
SYNCHRONIZED OSCILLATORS

SYNCHROTRON RADIATION
2304 2307 2402 2403 2502 2903
GS ELECTROMAGNETIC RADIATION
.NONTHERMAL RADIATION
.#SYNCHROTRON RADIATION
.POLARIZED ELECTROMAGNETIC RADIATION
.#SYNCHROTRON RADIATION
POLARIZED RADIATION
.POLARIZED ELECTROMAGNETIC RADIATION
.#SYNCHROTRON RADIATION
RT BREMSSTRAHLUNG
EXTRATERRESTRIAL RADIATION
% RADIATION
RADIATION PROTECTION
SYNCHROTRONS
X RAYS

SYNCHROTRONS
1504 2304 2307 2403
GS PARTICLE ACCELERATORS
.CYCLIC ACCELERATORS
.#SYNCHROTRONS
...BEVATRON
...STORAGE RINGS (PARTICLE ACCELERATORS)
RT BETATRONS
CYCLOTRONS
ELECTRON ACCELERATORS
ION ACCELERATORS
MICROTRONS
SYNCHROCYCLOTRONS
SYNCHROPHASOTRONS
SYNCHROTRON RADIATION

SYNCLINES
1306
UF SYNCLINORIA
RT ANTICLINES
DOMES (GEOLOGY)
GEOLOGICAL FAULTS
GEOSYNCLINES
% LAYERS
STRATA
STRATIFICATION
STRATIGRAPHY

SYNCLINORIA
USE SYNCLINES

SYNCODERS
0404 0408
RT BIONICS
NEURONS
SYNAPSES

SYNCOM APOGEE ENGINES
0706 2806 2808 3006
GS ENGINES
.ROCKET ENGINES
..SOLID PROPELLANT ROCKET ENGINES
..#SYNCOM APOGEE ENGINES
..VERNIER ENGINES
..#SYNCOM APOGEE ENGINES
.TORPEDO ENGINES
..VERNIER ENGINES
..#SYNCOM APOGEE ENGINES

SYNCOM SATELLITES
0706 3107
UF SYNCHRONOUS COMMUNICATION SATELLITES
GS ARTIFICIAL SATELLITES
.ACTIVE SATELLITES
.#SYNCOM SATELLITES

```
        ...EARLY BIRD SATELLITES
        ...SYNCOM 1 SATELLITE
        ...SYNCOM 2 SATELLITE
        ...SYNCOM 3 SATELLITE
        .COMMUNICATION SATELLITES
        .#SYNCOM SATELLITES
        ...EARLY BIRD SATELLITES
        ...SYNCOM 1 SATELLITE
        ...SYNCOM 2 SATELLITE
        ...SYNCOM 3 SATELLITE
        ...SYNCOM 4 SATELLITE
        .SYNCHRONOUS SATELLITES
        .#SYNCOM SATELLITES
        ...EARLY BIRD SATELLITES
        ...SYNCOM 1 SATELLITE
        ...SYNCOM 2 SATELLITE
        ...SYNCOM 3 SATELLITE
  RT    THOR DELTA LAUNCH VEHICLE

SYNCOM 1 SATELLITE
  0706 3107
  GS    ARTIFICIAL SATELLITES
        .ACTIVE SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 1 SATELLITE
        .COMMUNICATION SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 1 SATELLITE
        .SYNCHRONOUS SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 1 SATELLITE
  RT    DELTA LAUNCH VEHICLE

SYNCOM 2 SATELLITE
  0706 3107
  GS    ARTIFICIAL SATELLITES
        .ACTIVE SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 2 SATELLITE
        .COMMUNICATION SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 2 SATELLITE
        .SYNCHRONOUS SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 2 SATELLITE
  RT    DELTA LAUNCH VEHICLE

SYNCOM 3 SATELLITE
  0706 3107
  GS    ARTIFICIAL SATELLITES
        .ACTIVE SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 3 SATELLITE
        .COMMUNICATION SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 3 SATELLITE
        .SYNCHRONOUS SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 3 SATELLITE
  RT    DELTA LAUNCH VEHICLE

SYNCOM 4 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .COMMUNICATION SATELLITES
        ..SYNCOM SATELLITES
        ..#SYNCOM 4 SATELLITE

SYNCOPE
  0401 0405 0408
  UF    FAINTING
  GS   #SYNCOPE
        .BLACKOUT (PHYSIOLOGY)
        ..BLACKOUT PREVENTION
  RT    UNCONSCIOUSNESS

SYNDROMES
  USE   SIGNS AND SYMPTOMS

SYNOPTIC MEASUREMENT
  1406 1408 2001 2003 3405 3501
  RT % MEASUREMENT
        NEPHANALYSIS

SYNOPTIC METEOROLOGY
  2001 2003
  GS    METEOROLOGY
        #SYNOPTIC METEOROLOGY
  RT    AIR MASSES
        ANTICYCLONES
        COLD FRONTS
        CYCLONES
        FRONTS (METEOROLOGY)
        METEOROLOGICAL CHARTS
        NEPHANALYSIS
        TELECONNECTIONS (METEOROLOGY)
        WARM FRONTS
        WEATHER FORECASTING

SYNTAX
  0703 3405
  GS    LINGUISTICS
        #SYNTAX
        ..SENTENCES
        ...WORDS (LANGUAGE)
        ....SYLLABLES
  RT    FORMAT
        GRAMMARS
      % INTERPRETATION
        LANGUAGES
        NATURAL LANGUAGE PROCESSING
        ORTHOGRAPHY
        PARSING ALGORITHMS
        PSYCHOLINGUISTICS
        SEMANTICS
        SPEECH

SYNTECTIC ALLOYS
  1701
  GS    ALLOYS
        #SYNTECTIC ALLOYS
  RT    EUTECTICS
        LIQUID PHASES
        METALS
        PHASE TRANSFORMATIONS
        SOLID PHASES

SYNTHANE
  0602 0603 1808
  UF    SYNTHETIC METHANE
  GS    FUELS
        .CHEMICAL FUELS
        ..HYDROCARBON FUELS
        ..#SYNTHANE
        ..SYNTHETIC FUELS
        ..#SYNTHANE
  RT    AUTOMOBILE FUELS
        CARBON DIOXIDE
        CARBON MONOXIDE
        COAL
        COAL GASIFICATION
        GASIFICATION
        HYDROGEN
        LIGNITE
        METHANE

% SYNTHESIS
  0601 1902 3406 3407
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    BIOSYNTHESIS
        CHEMICAL REACTIONS
        DECISION THEORY
      % DESIGN
        NETWORK SYNTHESIS
        NUCLEAR FUSION
        OPERATIONS RESEARCH
        PLASMA JET SYNTHESIS
        SYNTHESIS (CHEMISTRY)
        SYNTHETIC FUELS
        SYSTEMS ENGINEERING

SYNTHESIS (CHEMISTRY)
  0601
```

GS #SYNTHESIS (CHEMISTRY)
.POLYMERIZATION
..COPOLYMERIZATION
..DIMERIZATION
RT ADDITION RESINS
CHEMICAL REACTIONS
% CHEMISTRY
FISCHER-TROPSCH PROCESS
OPERATIONS RESEARCH
% SYNTHESIS
SYNTHETIC FIBERS
SYNTHETIC FUELS
SYNTHETIC RESINS
SYNTHETIC RUBBERS
SYSTEMS ENGINEERING

SYNTHESIZERS
0602 1502 3304
RT CHEMICAL REACTORS
FREQUENCY SYNTHESIZERS

SYNTHETIC APERTURE RADAR
0705
GS RADAR
#SYNTHETIC APERTURE RADAR
..SIDE-LOOKING RADAR
RT AIRBORNE RADAR
EARTHNET
IMAGING RADAR
MAGELLAN SPACECRAFT (NASA)
MICROWAVE IMAGERY
MICROWAVE SENSORS
RADAR EQUIPMENT
RADARSAT
SATELLITE-BORNE RADAR
SHUTTLE IMAGING RADAR
SURVEILLANCE RADAR
SYNTHETIC APERTURES
VENUS ORBITING IMAGING RADAR
(SPACECRAFT)

SYNTHETIC APERTURES
0901
GS OPENINGS
.APERTURES
.#SYNTHETIC APERTURES
RT IMAGING TECHNIQUES
SYNTHETIC APERTURE RADAR

SYNTHETIC ARRAYS
0705 0710 0901
GS ARRAYS
#SYNTHETIC ARRAYS
RT ANTENNA RADIATION PATTERNS
APERTURES
DISTRIBUTION (PROPERTY)
EARTH RESOURCES SHUTTLE IMAGING
RADAR
% PATTERNS

SYNTHETIC FIBERS
1808 1809 1810 1811 3404
GS FIBERS
#SYNTHETIC FIBERS
..ARAMID FIBERS
..CERAMIC FIBERS
..DACRON (TRADEMARK)
..FORTISAN (TRADEMARK)
..GLASS FIBERS
..NYLON (TRADEMARK)
..RAYON
..VYCOR
RT ADDITION RESINS
FLAME RETARDANTS
KEVLAR (TRADEMARK)
POLYACRYLONITRILE
POLYBENZIMIDAZOLE
POLYESTERS
REINFORCING FIBERS
SYNTHESIS (CHEMISTRY)
WET SPINNING

SYNTHETIC FOOD
0403
RT AMINO ACIDS
BIOSYNTHESIS
CARBOHYDRATES
CELLULOSE
EATING
FATS
% FOOD
FOOD INTAKE
NUTRITIONAL REQUIREMENTS
PROTEIN METABOLISM
PROTEINS
TASTE

SYNTHETIC FUELS
0602 1808 3301 3407
GS FUELS
.CHEMICAL FUELS
.#SYNTHETIC FUELS
...GASOHOL (FUEL)
...SYNTHANE
RT CHEMICAL REACTIONS
CLEAN FUELS
FISCHER-TROPSCH PROCESS
HYDROCARBON FUELS
LIQUID FUELS
% SYNTHESIS
SYNTHESIS (CHEMISTRY)

SYNTHETIC METALS
1507
RT CRYSTAL LATTICES
GRAPHITE
ORGANOMETALLIC COMPOUNDS

SYNTHETIC METHANE
USE SYNTHANE

SYNTHETIC RESINS
1808 1809 1810 3404
GS PLASTICS
#SYNTHETIC RESINS
..ADDITION RESINS
...ACRYLIC RESINS
...VINYL COPOLYMERS
..POLYESTER RESINS
..POLYETHER RESINS
...PEEK
...POLYMETHYL METHACRYLATE
..THERMOPLASTIC RESINS
...PEEK
...QUINOXALINES
...THERMOPLASTIC FILMS
..THERMOSETTING RESINS
...EPOXY RESINS
....PHENOLIC EPOXY RESINS
...FURAN RESINS
....POLYAMIDE RESINS
.....KEVLAR (TRADEMARK)
...PHENOLIC RESINS
....MICARTA
....PHENOLIC EPOXY RESINS
RESINS
#SYNTHETIC RESINS
..ADDITION RESINS
...ACRYLIC RESINS
...VINYL COPOLYMERS
..POLYESTER RESINS
..POLYETHER RESINS
...PEEK
...POLYMETHYL METHACRYLATE
..THERMOPLASTIC RESINS
...PEEK
...QUINOXALINES
...THERMOPLASTIC FILMS
..THERMOSETTING RESINS
...EPOXY RESINS
....PHENOLIC EPOXY RESINS
...FURAN RESINS
....POLYAMIDE RESINS
.....KEVLAR (TRADEMARK)
...PHENOLIC RESINS

....MICARTA
....PHENOLIC EPOXY RESINS
RT POLYETHYLENES
% POLYMERS
POLYPROPYLENE
POLYSTYRENE
POLYTETRAFLUOROETHYLENE
POLYVINYL ALCOHOL
POLYVINYL CHLORIDE
SYNTHESIS (CHEMISTRY)
TEFLON (TRADEMARK)

SYNTHETIC RUBBERS
1808 1809 1810 3404
GS RUBBER
#SYNTHETIC RUBBERS
..ADIPRENE (TRADEMARK)
..BUNA (TRADEMARK)
..ELASTOMERS
...CHLOROPRENE RESINS
...THIOPLASTICS
...VITON RUBBER (TRADEMARK)
...VULCANIZED ELASTOMERS
..RTV-40 RUBBER (TRADEMARK)
..RTV-60 RUBBER (TRADEMARK)
RT LATEX
POLYBUTADIENE
POLYISOBUTYLENE
POLYISOPRENES
SILICONE RUBBER
SOLITHANES
SYNTHESIS (CHEMISTRY)

SYNTONY
3408
RT FREQUENCY SYNCHRONIZATION
OSCILLATIONS
RESONANCE

SYPHILIS
0404 0405
GS DISEASES
.INFECTIOUS DISEASES
..BACTERIAL DISEASES
..#SYPHILIS

SYRIA
1305
GS NATIONS
#SYRIA
RT ASIA

SYRINGES
0405 0501 1106
GS LABORATORY EQUIPMENT
#SYRINGES
MEDICAL EQUIPMENT
#SYRINGES
RT BULBS
% EQUIPMENT
FLUID FLOW
PIPES (TUBES)
TRANSFUSION

SYSTEM EFFECTIVENESS
3406 3408 4001
GS EFFECTIVENESS
#SYSTEM EFFECTIVENESS
RT MODULATION TRANSFER FUNCTION
OPTICAL TRANSFER FUNCTION
RELIABILITY
RELIABILITY ENGINEERING
% SYSTEMS
SYSTEMS ENGINEERING
SYSTEMS INTEGRATION

SYSTEM FAILURES
0503 1002 3203
GS FAILURE
#SYSTEM FAILURES
RT % BREAKDOWN
DETERIORATION
DOWNTIME
FATIGUE (MATERIALS)
FAULT DETECTION
MALFUNCTIONS
SHORT CIRCUITS
STRUCTURAL FAILURE
STRUCTURAL STRAIN
% SYSTEMS
WEAR

SYSTEM GENERATED ELECTROMAGNETIC PULSES
2304
UF SGEMP
GS ELECTROMAGNETIC FIELDS
#SYSTEM GENERATED ELECTROMAGNETIC PULSES
ELECTROMAGNETIC RADIATION
.ELECTROMAGNETIC PULSES
.#SYSTEM GENERATED ELECTROMAGNETIC PULSES
PULSED RADIATION
.ELECTROMAGNETIC PULSES
.#SYSTEM GENERATED ELECTROMAGNETIC PULSES
PULSES
.ELECTROMAGNETIC PULSES
.#SYSTEM GENERATED ELECTROMAGNETIC PULSES
RT ELECTRIC CURRENT
ELECTRIC PULSES
ELECTROMAGNETIC INTERFERENCE
ELECTRONIC EQUIPMENT
EXTERNAL SURFACE CURRENTS
EXTRATERRESTRIAL RADIATION
IONIZING RADIATION
PLASMA SHEATHS
SATELLITE COMMUNICATION
SPACECRAFT CHARGING
SPACECRAFT COMMUNICATION
X RAYS

SYSTEM IDENTIFICATION
1003
GS ESTIMATING
#SYSTEM IDENTIFICATION
IDENTIFYING
#SYSTEM IDENTIFICATION
SYSTEMS ANALYSIS
#SYSTEM IDENTIFICATION
RT COMPLEX SYSTEMS
CONTROL SYSTEMS DESIGN
DYNAMIC RESPONSE
ESTIMATES
FUZZY SYSTEMS
MATHEMATICAL MODELS
MAXIMUM LIKELIHOOD ESTIMATES
OBSERVABILITY (SYSTEMS)
OPTIMIZATION
PARAMETER IDENTIFICATION
PARAMETERIZATION
PREDICTION ANALYSIS TECHNIQUES
PROBABILITY THEORY
RELIABILITY ENGINEERING
STATISTICAL ANALYSIS
STEEPEST DESCENT METHOD
% SYSTEMS
SYSTEMS ENGINEERING

SYSTEM 10 COMPUTER
USE PDP 10 COMPUTER

% SYSTEMS
0503 1003 3203
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ADVANCED VIDICON CAMERA SYSTEM (AVCS)
AEROSPACE SYSTEMS
AFFERENT NERVOUS SYSTEMS
AFRICAN RIFT SYSTEM
AIR CUSHION LANDING SYSTEMS
AIRBORNE INTEGRATED RECONNAISSANCE

SYSTEM
AIRCRAFT FUEL SYSTEMS
AIRCRAFT HYDRAULIC SYSTEMS
ALL-WEATHER LANDING SYSTEMS
ALOHA SYSTEM
ANNULAR SUSPENSION AND POINTING SYSTEM
APOLLO EXTENSION SYSTEM
ASCENT PROPULSION SYSTEMS
ASTROGUIDE NAVIGATION SYSTEM
ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS
AUTOMATED PILOT ADVISORY SYSTEM
AUTOMATED RADAR TERMINAL SYSTEM
AUTOMATIC TRAFFIC ADVISORY AND RESOLUTION
AUTONOMIC NERVOUS SYSTEM
BALLISTIC MISSILE EARLY WARNING SYSTEM
BEACON COLLISION AVOIDANCE SYSTEM
BINARY SYSTEMS (MATERIALS)
BIOASTRONAUTICAL ORBITAL SPACE SYSTEM
BIOCONTROL SYSTEMS
CARDIOVASCULAR SYSTEM
CELESTIAL REFERENCE SYSTEMS
CENTRAL ELECTRONIC MANAGEMENT SYSTEM
CENTRAL NERVOUS SYSTEM
CENTRAL NERVOUS SYSTEM DEPRESSANTS
CENTRAL NERVOUS SYSTEM STIMULANTS
CHOKES (FUEL SYSTEMS)
CLOSED ECOLOGICAL SYSTEMS
COMPLEX SYSTEMS
COMPUTER SYSTEMS DESIGN
COMPUTER SYSTEMS PERFORMANCE
COMPUTER SYSTEMS PROGRAMS
COMPUTER SYSTEMS SIMULATION
COOLING SYSTEMS
CYBERNETICS
DATA BASE MANAGEMENT SYSTEMS
DATA SYSTEMS
DEFENSE COMMUNICATIONS SATELLITE SYSTEM
DEFENSE COMMUNICATIONS SYSTEM (DCS)
DESCENT PROPULSION SYSTEMS
DIGESTIVE SYSTEM
DIGITAL COMMAND SYSTEMS
DIGITAL SYSTEMS
DISCRETE ADDRESS BEACON SYSTEM
DISK OPERATING SYSTEM (DOS)
DISPLAY DEVICES
DISTRIBUTED PARAMETER SYSTEMS
DOMESTIC SATELLITE COMMUNICATIONS SYSTEMS
EARLY WARNING SYSTEMS
EARTH RESOURCES INFORMATION SYSTEM
EARTH TERMINAL MEASUREMENT SYSTEM
EARTH-MOON SYSTEM
ECOSYSTEMS
EFFERENT NERVOUS SYSTEMS
EISCAT RADAR SYSTEM (EUROPE)
% ELASTIC SYSTEMS
ELECTRONIC RECORDING SYSTEMS
EMERGENCY LIFE SUSTAINING SYSTEMS
END-TO-END DATA SYSTEMS
ENDOCRINE SYSTEMS
ESCAPE SYSTEMS
EXHAUST SYSTEMS
FAIL-SAFE SYSTEMS
FEED SYSTEMS
FEEDBACK
FLEET SATELLITE COMMUNICATION SYSTEM
FUEL SYSTEMS
FUZZY SYSTEMS
GASTROINTESTINAL SYSTEM
GENITOURINARY SYSTEM
GLOBAL POSITIONING SYSTEM
GODDARD TRAJECTORY DETERMINATION SYSTEM
GROUND OPERATIONAL SUPPORT SYSTEM
GROUND SUPPORT SYSTEMS
GUIDANCE (MOTION)
HARDENING (SYSTEMS)
HEMATOPOIETIC SYSTEM
HYBRID NAVIGATION SYSTEMS
HYDRAULIC EQUIPMENT
HYDROPLANES (SURFACES)
HYDROTHERMAL SYSTEMS
% HYPERBOLIC SYSTEMS
IFF SYSTEMS (IDENTIFICATION)
IGNITION SYSTEMS
IMLSS
INERTIAL REFERENCE SYSTEMS
INFORMATION ADAPTIVE SYSTEM
INFORMATION SYSTEMS
INSTRUMENT LANDING SYSTEMS
INTAKE SYSTEMS
INTEGRATED ENERGY SYSTEMS
INTEGRATED GLOBAL OCEAN STATION SYSTEMS
INTERNATIONAL SYSTEM OF UNITS
INTRAVASCULAR SYSTEM
JETTISON SYSTEMS
LAUNCH ESCAPE SYSTEMS
LIFE SUPPORT SYSTEMS
LIGHT AIRBORNE MULTIPURPOSE SYSTEM
LINEAR SYSTEMS
LOCATES SYSTEM
LORAC NAVIGATION SYSTEM
LUBRICATION SYSTEMS
LUMPED PARAMETER SYSTEMS
LUNAR EXPLORATION SYSTEM FOR APOLLO
MAN MACHINE SYSTEMS
MAN OPERATED PROPULSION SYSTEMS
MANAGEMENT INFORMATION SYSTEMS
MANAGEMENT SYSTEMS
METAL-GAS SYSTEMS
METHOXY SYSTEMS
MICROWAVE LANDING SYSTEMS
MICROWAVE SCANNING BEAM LANDING SYSTEM
MIMO (CONTROL SYSTEMS)
MINITRACK SYSTEM
MIROS SYSTEM
MISSILE SYSTEMS
MODULAR INTEGRATED UTILITY SYSTEM
MUSCULOSKELETAL SYSTEM
NASA INTERACTIVE PLANNING SYSTEM
NATIONAL AIRSPACE UTILIZATION SYSTEM
NATIONAL AVIATION SYSTEM
NATIONAL OCEANIC SATELLITE SYSTEM
NAVIGATION
NEEDS (DATA SYSTEM)
NERVOUS SYSTEM
NIKE X SYSTEMS
NOESS
NONLINEAR SYSTEMS
NOVA LASER SYSTEM
OBSERVABILITY (SYSTEMS)
OMEGA NAVIGATION SYSTEM
ON-LINE SYSTEMS
OPERATING SYSTEMS (COMPUTERS)
OPTICAL RELAY SYSTEMS
PAYLOAD DEPLOYMENT & RETRIEVAL SYSTEM
PERIPHERAL NERVOUS SYSTEM
PHASE LOCKED SYSTEMS
PIGGYBACK SYSTEMS
PLANETARY SYSTEMS
PLAT SYSTEM
PNEUMATIC EQUIPMENT
POINTING CONTROL SYSTEMS
POLYSTATION DOPPLER TRACKING SYSTEM
PORTABLE LIFE SUPPORT SYSTEMS
POST BOOST PROPULSION SYSTEM
PROPULSION SYSTEM CONFIGURATIONS
PROPULSION SYSTEM PERFORMANCE
PUBLIC ADDRESS SYSTEMS
QUALITY CONTROL
RADIO RELAY SYSTEMS
RANGER BLOCK 3 TELEVISION SYSTEM
RAPID TRANSIT SYSTEMS

```
    % REFERENCE SYSTEMS
      REMOTE MANIPULATOR SYSTEM
      REPRODUCTIVE SYSTEMS
      RESPIRATORY SYSTEM
      ROTOR SYSTEMS RESEARCH AIRCRAFT
      SAFEGUARD SYSTEM
      SAGE AIR DEFENSE SYSTEM
      SATELLITE NAVIGATION SYSTEMS
      SELF ADAPTIVE CONTROL SYSTEMS
      SELF ORGANIZING SYSTEMS
      SENTINEL SYSTEM
      SHIVA LASER SYSTEM
      SISO (CONTROL SYSTEMS)
      SNAP
      SOLAR SYSTEM
      SOLAR TOTAL ENERGY SYSTEMS
      SPACE DETECTION AND TRACKING SYSTEM
      SPACE TRANSPORTATION SYSTEM
      SPACE TRANSPORTATION SYSTEM FLIGHTS
      SUPPORT SYSTEMS
      SUSPENSION SYSTEMS (VEHICLES)
      SYMPATHETIC NERVOUS SYSTEM
      SYSTEM EFFECTIVENESS
      SYSTEM FAILURES
      SYSTEM IDENTIFICATION
      SYSTEMS ANALYSIS
      SYSTEMS ENGINEERING
      SYSTEMS INTEGRATION
      SYSTEMS MANAGEMENT
      SYSTEMS SIMULATION
      SYSTEMS STABILITY
      TELECOMMUNICATION
      TELEGRAPH SYSTEMS
      TELETYPEWRITER SYSTEMS
      TELEVISION SYSTEMS
      TERCOM
      TERNARY SYSTEMS
      TIROS OPERATIONAL SATELLITE SYSTEM
      TOTAL ENERGY SYSTEMS
      TRADEX RADAR SYSTEM
      TRANSCONTINENTAL SYSTEMS
      TRANSFER FUNCTIONS
      TRANSOCEANIC SYSTEMS
      TYPHON WEAPON SYSTEM
      VACUUM SYSTEMS
      VARIABLE MASS SYSTEMS
      VORTEX ADVISORY SYSTEM
      WARNING SYSTEMS
      WEAPON SYSTEM MANAGEMENT
      WEAPON SYSTEMS

SYSTEMS ANALYSIS
  1905 3404 3405
  GS  #SYSTEMS ANALYSIS
      .SYSTEM IDENTIFICATION
  RT % ANALYZING
       BLOCK DIAGRAMS
       BOND GRAPHS
       COMPLEX SYSTEMS
       COMPUTER PROGRAMMING
       COMPUTER SYSTEMS PROGRAMS
       COMPUTER SYSTEMS SIMULATION
       CONTROL SYSTEMS DESIGN
       FEASIBILITY ANALYSIS
       FUZZY SYSTEMS
       MAN MACHINE SYSTEMS
       MATHEMATICAL MODELS
       MODULATION TRANSFER FUNCTION
       OBSERVABILITY (SYSTEMS)
       OPERATING COSTS
       OPERATIONS RESEARCH
       OPTICAL TRANSFER FUNCTION
       PARAMETER IDENTIFICATION
       PREFLIGHT ANALYSIS
       PROCEDURES
       PROGRAM VERIFICATION (COMPUTERS)
       SIMULATION
       SOCIOLOGY
       STATISTICAL ANALYSIS
     % SYSTEMS
       TRAJECTORY ANALYSIS
       WEIGHT ANALYSIS
       WEIGHT REDUCTION

SYSTEMS COMPATIBILITY
  3408
  GS  COMPATIBILITY
      #SYSTEMS COMPATIBILITY
  RT  RELIABILITY
      RELIABILITY ENGINEERING

SYSTEMS DESIGN
  USE  SYSTEMS ENGINEERING

SYSTEMS ENGINEERING
  0503 0506 4001
  UF  SYSTEMS DESIGN
  GS  #SYSTEMS ENGINEERING
      .COMPUTER SYSTEMS DESIGN
      .CONTROL SYSTEMS DESIGN
  RT  AEROSPACE SYSTEMS
      AIRCRAFT DESIGN
     % AUTOMATION
       BIONICS
       BOND GRAPHS
       COMMUNICATING
       CONTRACT MANAGEMENT
     % CONTROL
       CRITICAL PATH METHOD
       CYBERNETICS
       DATA PROCESSING
       DECISION MAKING
       DECISION THEORY
     % DESIGN
       ELECTRICAL ENGINEERING
     % ENGINEERING
       EXPERIMENT DESIGN
       FLIGHT MANAGEMENT SYSTEMS
       FORECASTING
       FUNCTIONAL DESIGN SPECIFICATIONS
       HUMAN FACTORS ENGINEERING
       INFORMATION THEORY
       LIFE CYCLE COSTS
       MAN MACHINE SYSTEMS
       MANAGEMENT
       MANAGEMENT PLANNING
       MATHEMATICAL MODELS
       MECHANIZATION
       MISSILE DESIGN
       MODULARITY
       OBSERVABILITY (SYSTEMS)
       OPERATIONAL PROBLEMS
     % OPERATIONS
       OPERATIONS RESEARCH
       OPTICAL TRANSFER FUNCTION
       ORBIT SPECTRUM UTILIZATION
       PARAMETER IDENTIFICATION
       RELIABILITY
       RELIABILITY ENGINEERING
       RESEARCH AND DEVELOPMENT
       REVERSE ENGINEERING
       SATELLITE DESIGN
       SOFTWARE ENGINEERING
       SPACECRAFT DESIGN
       STATISTICAL ANALYSIS
     % STATISTICS
     % SYNTHESIS
       SYNTHESIS (CHEMISTRY)
       SYSTEM EFFECTIVENESS
       SYSTEM IDENTIFICATION
       SYSTEMS INTEGRATION

SYSTEMS FOR NUCLEAR AUXILIARY POWER
  USE  SNAP

SYSTEMS INTEGRATION
  1003 4001
  RT  AIRBORNE/SPACEBORNE COMPUTERS
      AVIONICS
      CONTROL SYSTEMS DESIGN
      DIGITAL SYSTEMS
      SYSTEM EFFECTIVENESS
     % SYSTEMS
       SYSTEMS ENGINEERING
       SYSTEMS SIMULATION
```

```
SYSTEMS MANAGEMENT
  3404 3406 4001
  GS   MANAGEMENT
       #SYSTEMS MANAGEMENT
  RT   INDUSTRIAL MANAGEMENT
       INFORMATION SYSTEMS
       MAN MACHINE SYSTEMS
       MANAGEMENT METHODS
       OPERATIONS RESEARCH

SYSTEMS SIMULATION
  0804
  GS   SIMULATION
       #SYSTEMS SIMULATION
  RT   ANALOG SIMULATION
       COMPUTERIZED SIMULATION
       DYNAMIC MODELS
       DYNAMICAL SYSTEMS
       FLIGHT SIMULATION
       MATHEMATICAL MODELS
       MODEL REFERENCE ADAPTIVE CONTROL
       OPERATIONS RESEARCH
     % SYSTEMS
       SYSTEMS INTEGRATION

SYSTEMS STABILITY
  1905 3404 3405
  GS   STABILITY
       #SYSTEMS STABILITY
  RT   CONTROL STABILITY
       DYNAMIC STABILITY
       EQUATIONS OF MOTION
     % EQUILIBRIUM
       FLOW STABILITY
       LOOP TRANSFER RECOVERY
       MIMO (CONTROL SYSTEMS)
       SISO (CONTROL SYSTEMS)
     % SYSTEMS
       UNSTEADY STATE

SYSTOLE
  0404 0405
  GS   HEART FUNCTION
       #SYSTOLE
       RATES (PER TIME)
       #SYSTOLE
  RT   BLOOD FLOW
       BLOOD PRESSURE
       CARDIAC VENTRICLES
       CARDIOVASCULAR SYSTEM
       DIASTOLE
       HEART RATE
       SYSTOLIC PRESSURE

SYSTOLIC ARRAYS
  0701 0901 1902 2311
  GS   ARRAYS
       #SYSTOLIC ARRAYS
  RT   ALGORITHMS
       ARCHITECTURE (COMPUTERS)
       CHIPS (ELECTRONICS)
       COMPUTATION
       PARALLEL PROCESSING (COMPUTERS)
       VERY LARGE SCALE INTEGRATION

SYSTOLIC PRESSURE
  0401 0404 0405
  GS   PRESSURE
       .BLOOD PRESSURE
       .#SYSTOLIC PRESSURE
  RT   SYSTOLE

T SHAPE
  3203 3408
  UF   TEE
  GS   SHAPES
       #T SHAPE
  RT   BEAMS (SUPPORTS)

T TAIL SURFACES
  0104 0202
  GS   TAIL SURFACES
       #T TAIL SURFACES
  RT   CONTROL SURFACES
       STABILIZERS (FLUID DYNAMICS)
     % SURFACES
       SWEPTBACK TAIL SURFACES
       TAIL ASSEMBLIES

T TAURI STARS
  2903 3001
  GS   CELESTIAL BODIES
       .STARS
       ..PROTOSTARS
       ...PRE-MAIN SEQUENCE STARS
       ...#T TAURI STARS
       ..VARIABLE STARS
       ..#T TAURI STARS
  RT   HERBIG-HARO OBJECTS
       STAR FORMATION
       TAURUS CONSTELLATION

T-2 AIRCRAFT
  0207 0502
  UF   BUCKEYE AIRCRAFT
       T2J AIRCRAFT
       YT-2 AIRCRAFT
  GS   ATTACK AIRCRAFT
       #T-2 AIRCRAFT
       JET AIRCRAFT
       #T-2 AIRCRAFT
       MONOPLANES
       #T-2 AIRCRAFT
       NORTH AMERICAN AIRCRAFT
       #T-2 AIRCRAFT
       SINGLE ENGINE AIRCRAFT
       #T-2 AIRCRAFT
       TRAINING AIRCRAFT
       #T-2 AIRCRAFT
  RT % AIRCRAFT

T-28 AIRCRAFT
  0207 0502
  UF   TROJAN AIRCRAFT
  GS   MONOPLANES
       #T-28 AIRCRAFT
       NORTH AMERICAN AIRCRAFT
       #T-28 AIRCRAFT
       SINGLE ENGINE AIRCRAFT
       #T-28 AIRCRAFT
       TRAINING AIRCRAFT
       #T-28 AIRCRAFT
  RT % AIRCRAFT

T-33 AIRCRAFT
  0207 0502
  UF   F-80 AIRCRAFT
       SHOOTING STAR AIRCRAFT
  GS   JET AIRCRAFT
       #T-33 AIRCRAFT
       LOCKHEED AIRCRAFT
       #T-33 AIRCRAFT
       MONOPLANES
       #T-33 AIRCRAFT
       SINGLE ENGINE AIRCRAFT
       #T-33 AIRCRAFT
       TRAINING AIRCRAFT
       #T-33 AIRCRAFT
  RT % AIRCRAFT

T-34 ENGINE
  2805
  GS   AIRCRAFT ENGINES
       #T-34 ENGINE
       ENGINES
       .INTERNAL COMBUSTION ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....TURBOJET ENGINES
       .....TURBOPROP ENGINES
       .....#T-34 ENGINE
       .TURBINE ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
```

....TURBOJET ENGINES
.....TURBOPROP ENGINES
.....#T-34 ENGINE
RT C-133 AIRCRAFT

T-37 AIRCRAFT
0207 0502
GS CESSNA AIRCRAFT
#T-37 AIRCRAFT
JET AIRCRAFT
#T-37 AIRCRAFT
MONOPLANES
#T-37 AIRCRAFT
TRAINING AIRCRAFT
#T-37 AIRCRAFT
RT A-37 AIRCRAFT
% AIRCRAFT

T-38 AIRCRAFT
0207 0502
UF TALON AIRCRAFT
GS JET AIRCRAFT
#T-38 AIRCRAFT
MONOPLANES
#T-38 AIRCRAFT
NORTHROP AIRCRAFT
#T-38 AIRCRAFT
SUPERSONIC AIRCRAFT
#T-38 AIRCRAFT
TRAINING AIRCRAFT
#T-38 AIRCRAFT
RT % AIRCRAFT

T-38 ENGINE
2805
GS AIRCRAFT ENGINES
#T-38 ENGINE
ENGINES
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOPROP ENGINES
.....#T-38 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOPROP ENGINES
.....#T-38 ENGINE

T-39 AIRCRAFT
0207 0502
UF SABRELINER AIRCRAFT
T3J AIRCRAFT
GS JET AIRCRAFT
#T-39 AIRCRAFT
MONOPLANES
#T-39 AIRCRAFT
NORTH AMERICAN AIRCRAFT
#T-39 AIRCRAFT
PASSENGER AIRCRAFT
#T-39 AIRCRAFT
TRAINING AIRCRAFT
#T-39 AIRCRAFT
UTILITY AIRCRAFT
#T-39 AIRCRAFT
RT % AIRCRAFT
CARGO AIRCRAFT

T-53 ENGINE
2805 2801
GS ENGINES
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOPROP ENGINES
.....#T-53 ENGINE
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOPROP ENGINES
.....#T-53 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOPROP ENGINES
.....#T-53 ENGINE
RT HELICOPTER ENGINES

T-55 ENGINE
2801
GS AIRCRAFT ENGINES
#T-55 ENGINE
RT HELICOPTER ENGINES

T-56 ENGINE
2805 2801
GS ENGINES
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOPROP ENGINES
.....#T-56 ENGINE
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOPROP ENGINES
.....#T-56 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOPROP ENGINES
.....#T-56 ENGINE
RT C-130 AIRCRAFT

T-58 ENGINE
2805 2801
GS ENGINES
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
..#T-58 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
..#T-58 ENGINE
RT AIRCRAFT ENGINES
HELICOPTER ENGINES
VERTICAL TAKEOFF AIRCRAFT

T-58-GE-8B ENGINE
1504 2805
GS ENGINES
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
..#T-58-GE-8B ENGINE
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
..#T-58-GE-8B ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
..#T-58-GE-8B ENGINE
RT AIRCRAFT ENGINES
HELICOPTER ENGINES
VERTICAL TAKEOFF AIRCRAFT

T-63 ENGINE
0202 2801 2805
GS AIRCRAFT ENGINES
#T-63 ENGINE
ENGINES
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
...#T-63 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
...#T-63 ENGINE
RT HELICOPTER ENGINES

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T-64 ENGINE
  1203 1504 2801 2805
  GS   ENGINES
       .AIR BREATHING ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....TURBOJET ENGINES
       .....TURBOPROP ENGINES
       .....#T-64 ENGINE
       .INTERNAL COMBUSTION ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....TURBOJET ENGINES
       .....TURBOPROP ENGINES
       .....#T-64 ENGINE
       .TURBINE ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....TURBOJET ENGINES
       .....TURBOPROP ENGINES
       .....#T-64 ENGINE
  RT   HELICOPTER ENGINES

T-74 ENGINE
  2801 2805
  GS   ENGINES
       .AIR BREATHING ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....TURBOJET ENGINES
       .....TURBOPROP ENGINES
       .....#T-74 ENGINE
       .INTERNAL COMBUSTION ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....TURBOJET ENGINES
       .....TURBOPROP ENGINES
       .....#T-74 ENGINE
       .TURBINE ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....TURBOJET ENGINES
       .....TURBOPROP ENGINES
       .....#T-74 ENGINE
  RT   HELICOPTER ENGINES

T-76 ENGINE
  0202 2801 2805
  GS   AIRCRAFT ENGINES
       #T-76 ENGINE
       ENGINES
       .INTERNAL COMBUSTION ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ...#T-76 ENGINE
       .TURBINE ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ...#T-76 ENGINE
  RT   HELICOPTER ENGINES

T-78 ENGINE
  2805
  GS   AIRCRAFT ENGINES
       #T-78 ENGINE
       ENGINES
       .INTERNAL COMBUSTION ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....TURBOJET ENGINES
       .....TURBOPROP ENGINES
       .....#T-78 ENGINE
       .TURBINE ENGINES
       ..GAS TURBINE ENGINES
       ...JET ENGINES
       ....TURBOJET ENGINES
       .....TURBOPROP ENGINES
       .....#T-78 ENGINE

TABLES (DATA)
  0506 0802 1103 1504 1902 1903
  GS   #TABLES (DATA)
       .CONVERSION TABLES
       .INTERFERENCE FACTOR TABLE
       .MATHEMATICAL TABLES
  RT   AIR DATA SYSTEMS
       ASTRONOMICAL CATALOGS
     % DATA
       DATA ACQUISITION
       DATA MANAGEMENT
       DATA PROCESSING
       DATA RECORDING
       DATA REDUCTION
       DATA RETRIEVAL
       PRINTOUTS
       STATISTICAL ANALYSIS
     % STATISTICS
     % TABULATION
       TABULATION PROCESSES

TABLETS
  1504
  RT   BRIQUETS
     % CAPSULES
       MOLDS

TABS (CONTROL SURFACES)
  0101 0102 0104 0202
  GS   AIRFOILS
       #TABS (CONTROL SURFACES)
       CONTROL SURFACES
       #TABS (CONTROL SURFACES)
  RT   AERIAL RUDDERS
       AILERONS
     % CONTROL
       ELEVATORS (CONTROL SURFACES)
       ELEVONS
       RUDDERS
       STABILIZERS (FLUID DYNAMICS)
     % SURFACES

TABULATING
  USE  TABULATION PROCESSES

% TABULATION
  1902 1905
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   TABLES (DATA)
       TABULATION PROCESSES

TABULATION PROCESSES
  0803 1902 1905
  UF   TABULATING
  RT   DATA PROCESSING
       DATA RECORDING
       TABLES (DATA)
     % TABULATION

TACAN
  2101 2103 3401
  UF   TACTICAL AIR NAVIGATION
  GS   NAVIGATION
       .RADIO NAVIGATION
       .#TACAN
  RT   AIR NAVIGATION
       ALL-WEATHER AIR NAVIGATION
       FLIGHT PATHS
       NAVIGATION AIDS
       RADAR NAVIGATION
       SOLAR COMPASSES

TACHISTOSCOPES
  0501 1406 2310 3501
  RT   VISUAL PERCEPTION

TACHOMETERS
  1402 1406 1504 3501
  GS   DISPLAY DEVICES
       .SPEED INDICATORS
       .#TACHOMETERS
       MEASURING INSTRUMENTS
       .INDICATING INSTRUMENTS
```

..SPEED INDICATORS
..#TACHOMETERS
RT AIRCRAFT INSTRUMENTS
ANGULAR VELOCITY
TIMING DEVICES
VELOCITY MEASUREMENT

TACHYCARDIA
0401 0405 0408
GS DISEASES
#TACHYCARDIA
RATES (PER TIME)
.HEART RATE
.#TACHYCARDIA

TACHYONS
2403 2405
GS PARTICLES
.ELEMENTARY PARTICLES
.#TACHYONS

TACHYPNEA
0401 0405 0408
GS RATES (PER TIME)
.RESPIRATORY RATE
.#TACHYPNEA

TACKINESS
0603 3408
RT ADHESION

TACT PROGRAM
0201 0204 3409
UF TRANSONIC AIRCRAFT TECHNOLOGY PROGRAM
GS PROGRAMS
.NASA PROGRAMS
.#TACT PROGRAM
RT % AERONAUTICS
% AIRCRAFT

TACTICAL AIR NAVIGATION
USE TACAN

TACTICS
3401
RT ATTACKING (ASSAULTING)
DEPLOYMENT
EVASIVE ACTIONS
MILITARY OPERATIONS
MILITARY TECHNOLOGY
OBSTACLE AVOIDANCE

TACTILE DISCRIMINATION
0404 0408
GS DISCRIMINATION
.SENSORY DISCRIMINATION
.#TACTILE DISCRIMINATION
PERCEPTION
.SENSORY PERCEPTION
..TOUCH
..#TACTILE DISCRIMINATION
RT TACTILE SENSORS (ROBOTICS)

TACTILE SENSATION
USE TOUCH

TACTILE SENSORS (ROBOTICS)
1408 1409
GS ROBOT SENSORS
#TACTILE SENSORS (ROBOTICS)
RT END EFFECTORS
MANIPULATORS
ROBOTS
% SENSORS
SERVOMECHANISMS
TACTILE DISCRIMINATION
TELEOPERATORS
TOUCH

TAFEL LAW
0902 1001 1002 2304
GS LAWS
#TAFEL LAW
RT ELECTRODES
ELECTROLYSIS
FICKS EQUATION
POLARIZATION (CHARGE SEPARATION)

TAGGING
USE MARKING

TAGN
2701
UF TRIAMINOGUANIDINENITRATE
GS OXIDIZERS
.ROCKET OXIDIZERS
.#TAGN
PROPELLANTS
.ROCKET PROPELLANTS
.#TAGN
RT EXPLOSIVES

TAIL ASSEMBLIES
0102 0104 0201
UF EMPENNAGE
TAIL MOUNTINGS
TAILS (ASSEMBLIES)
VERTICAL TAILS
GS ASSEMBLIES
#TAIL ASSEMBLIES
..SWING TAIL ASSEMBLIES
RT AERIAL RUDDERS
AFTERBODIES
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
AIRFOILS
AIRFRAMES
BOATTAILS
BODY-WING AND TAIL CONFIGURATIONS
% BOOM
CONTROL SURFACES
ELEVATORS (CONTROL SURFACES)
FINS
HORIZONTAL TAIL SURFACES
HYDROFOILS
MARINE RUDDERS
MISSILE STRUCTURES
RUDDERS
SAILS
STABILIZERS (FLUID DYNAMICS)
T TAIL SURFACES
VANES

TAIL MOUNTINGS
USE TAIL ASSEMBLIES

TAIL PLANES
USE HORIZONTAL TAIL SURFACES

TAIL ROTORS
0104 0201 0202
GS ROTATING BODIES
.ROTORS
.#TAIL ROTORS
...HELICOPTER TAIL ROTORS
RT HELICOPTER CONTROL
ROTARY WINGS
% ROTOR BLADES

TAIL SURFACES
0101 0102 0104 0202
GS #TAIL SURFACES
.HORIZONTAL TAIL SURFACES
.SWEPTBACK TAIL SURFACES
.T TAIL SURFACES
.TRAPEZOIDAL TAIL SURFACES
RT CONTROL SURFACES
ELEVATORS (CONTROL SURFACES)
RUDDERS
STABILIZERS (FLUID DYNAMICS)
% SURFACES

TAILLESS AIRCRAFT
0201 0205

```
  UF   FLYING WING AIRCRAFT
  GS  #TAILLESS AIRCRAFT
       .AVRO 707 AIRCRAFT
       .B-58 AIRCRAFT
       .F-102 AIRCRAFT
       .F-106 AIRCRAFT
       .FD 2 AIRCRAFT
       .HP-115 AIRCRAFT
       .MIRAGE 3 AIRCRAFT
       .SC-1 AIRCRAFT
       .VULCAN AIRCRAFT
  RT % AIRCRAFT
       JET AIRCRAFT
     % LOW WING AIRCRAFT
     % MILITARY AIRCRAFT
       MONOPLANES
       RESEARCH AIRCRAFT

TAILORING
  USE  DESIGN

TAILS (ASSEMBLIES)
  USE  TAIL ASSEMBLIES

TAIWAN
  1305
  UF   REPUBLIC OF CHINA
  GS   NATIONS
       #TAIWAN
  RT   ASIA
       CHINA
       CHINESE SPACE PROGRAM
       CHINESE SPACECRAFT
       HONG KONG

TAJIKISTAN
  1305
  GS   NATIONS
       #TAJIKISTAN
  RT   ASIA

TAKEOFF
  3102 1101
  GS  #TAKEOFF
       .VERTICAL TAKEOFF
  RT   AIR TRAFFIC CONTROL
       AIRCRAFT LANDING
       ASCENT
       CLIMBING FLIGHT
       JATO ENGINES
       LANDING
       MANEUVERS
       RUNWAYS

TAKEOFF RUNS
  0201 1101 1102 3102
  RT   AIRCRAFT PERFORMANCE
       DISTANCE
       RUNWAY ALIGNMENT
       SHORT TAKEOFF AIRCRAFT

TAKEOFF SYSTEMS
  USE  AIRCRAFT LAUNCHING DEVICES

TALC
  1305 1805 1806
  UF   STEATITE
  GS   MAGNESIUM COMPOUNDS
       #TALC
       MINERALS
       #TALC
       SILICON COMPOUNDS
       .SILICATES
       ..SODIUM SILICATES
       ..#TALC
       SODIUM COMPOUNDS
       .SODIUM SILICATES
       .#TALC

TALKING
  0408 0410 0702 0703
  GS   SPEECH
       #TALKING
       ..WORDS (LANGUAGE)
       ...SYLLABLES
  RT   SENTENCES
       SIGNAL TRANSMISSION

TALON AIRCRAFT
  USE  T-38 AIRCRAFT

TALOS MISSILE
  3101 3401
  GS   MISSILES
       .SURFACE TO AIR MISSILES
       .#TALOS MISSILE
  RT   BUMBLEBEE PROJECT
       LIQUID PROPELLANT ROCKET ENGINES
       MULTISTAGE ROCKET VEHICLES
       SOLID PROPELLANT ROCKET ENGINES

TANDEM MIRRORS
  2307 2502
  GS   MIRRORS
       .MAGNETIC MIRRORS
       .#TANDEM MIRRORS
  RT   FUSION REACTORS
       MIRROR FUSION
       PLASMA CONTROL
       THERMAL BARRIERS (PLASMA CONTROL)

TANDEM ROTOR HELICOPTERS
  0206
  GS   V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ..#TANDEM ROTOR HELICOPTERS
       ....CH-46 HELICOPTER
       ....CH-47 HELICOPTER
       ....H-25 HELICOPTER
  RT % AIRCRAFT

TANDEM WING AIRCRAFT
  0102 0103 0104 0202
  GS  #TANDEM WING AIRCRAFT
       .X-19 AIRCRAFT
       .X-22A AIRCRAFT
  RT % AIRCRAFT
       BIPLANES
       CANARD CONFIGURATIONS
       DUAL WING CONFIGURATIONS
       JET AIRCRAFT
       JOINED WINGS
       RESEARCH AIRCRAFT
     % SUBSONIC AIRCRAFT
       X-22 AIRCRAFT

TANGENTS
  1902
  GS   ANALYSIS (MATHEMATICS)
       .REAL VARIABLES
       ..PERIODIC FUNCTIONS
       ...TRIGONOMETRIC FUNCTIONS
       ...#TANGENTS
       FUNCTIONS (MATHEMATICS)
       .TRANSCENDENTAL FUNCTIONS
       ..PERIODIC FUNCTIONS
       ...TRIGONOMETRIC FUNCTIONS
       ...#TANGENTS
       GEOMETRY
       .EUCLIDEAN GEOMETRY
       ..ANALYTIC GEOMETRY
       ..#TANGENTS
  RT   CHORDS (GEOMETRY)

TANGLING
  0404 0410 1504 3407
  RT   CONFUSION
       ENTRAPMENT
       MIXING

TANK GEOMETRY
  1202 1902 2702 2806
  GS   GEOMETRY
       #TANK GEOMETRY
```

```
  RT    LIQUID SLOSHING
        PROPELLANT TANKS
        STORAGE TANKS
        TANKS (CONTAINERS)
        ULLAGE

TANK TRUCKS
  1103
  GS    SURFACE VEHICLES
        .MOTOR VEHICLES
        ..TRUCKS
        ..#TANK TRUCKS
  RT  % TANKERS
        TRAILERS

TANKER AIRCRAFT
  0207
  GS    TRANSPORT AIRCRAFT
        #TANKER AIRCRAFT
  RT    AIR TO AIR REFUELING
      % AIRCRAFT
        AIRCRAFT FUELS
        BOMBER AIRCRAFT
        FUEL TANKS
      % MILITARY AIRCRAFT
      % TANKERS
        VALIANT AIRCRAFT

TANKER SHIPS
  1103 1204
  GS    SURFACE VEHICLES
        .CARGO SHIPS
        .#TANKER SHIPS
        WATER VEHICLES
        .SHIPS
        ..CARGO SHIPS
        ..#TANKER SHIPS
  RT    ARTIFICIAL HARBORS
        DEEPWATER TERMINALS
        HARBORS
        MARINE TRANSPORTATION
        OFFSHORE DOCKING
        OFFSHORE PLATFORMS
        SHIPYARDS
      % TANKERS
        WHARVES

TANKER TERMINALS
  1102 1305 1310 3404
  RT    ARTIFICIAL HARBORS
        CARGO SHIPS
        DEEPWATER TERMINALS
        MARINE TECHNOLOGY
        OCEANOGRAPHY
        OFFSHORE DOCKING
        OFFSHORE PLATFORMS
        SHIP TERMINALS
      % TANKERS
        TERMINAL FACILITIES
        TRANSPORTATION

% TANKERS
  1102 3401
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    ARTIFICIAL HARBORS
        DEEPWATER TERMINALS
        OFFSHORE DOCKING
        OFFSHORE PLATFORMS
        TANK TRUCKS
        TANKER AIRCRAFT
        TANKER SHIPS
        TANKER TERMINALS
        TRANSPORTATION ENERGY

TANKS (COMBAT VEHICLES)
  1801
  GS    SURFACE VEHICLES
        #TANKS (COMBAT VEHICLES)
  RT    ARMED FORCES
        MILITARY OPERATIONS
      % MILITARY VEHICLES
        ORDNANCE
      % VEHICLES
        WEAPONS

TANKS (CONTAINERS)
  1103 1502
  GS   #TANKS (CONTAINERS)
        .BUNKERS (FUEL)
        .CYLINDRICAL TANKS
        .EXTERNAL TANKS
        .FUEL TANKS
        ..WING TANKS
        .PROPELLANT TANKS
        .SPHERICAL TANKS
        .STORAGE TANKS
  RT    BASINS (CONTAINERS)
        BOTTLES
        CHEMICAL REACTORS
      % CONTAINERS
        DRUMS (CONTAINERS)
        FLUID FILLED SHELLS
        LIQUID FILLED SHELLS
        MATERIALS HANDLING
        PIPE NOZZLES
        PRESSURE VESSELS
        RECEIVERS
      % STRUCTURES
        TANK GEOMETRY
        TOWERS
        WING-FUSELAGE STORES

TANTALUM
  1703
  GS    CHEMICAL ELEMENTS
        #TANTALUM
        ..TANTALUM ISOTOPES
        METALS
        .REFRACTORY METALS
        .#TANTALUM
        ...TANTALUM ISOTOPES
        .TRANSITION METALS
        .#TANTALUM
        ...TANTALUM ISOTOPES
        REFRACTORY MATERIALS
        .REFRACTORY METALS
        .#TANTALUM
        ...TANTALUM ISOTOPES

TANTALUM ALLOYS
  1701 1704 3305
  GS    ALLOYS
        .HEAT RESISTANT ALLOYS
        ..REFRACTORY METAL ALLOYS
        ..#TANTALUM ALLOYS
        REFRACTORY MATERIALS
        .REFRACTORY METAL ALLOYS
        .#TANTALUM ALLOYS
  RT    HAFNIUM ALLOYS

TANTALUM CARBIDES
  0603 1804
  GS    CARBON COMPOUNDS
        .CARBIDES
        .#TANTALUM CARBIDES
        TANTALUM COMPOUNDS
        #TANTALUM CARBIDES

TANTALUM COMPOUNDS
  0603 1804
  GS   #TANTALUM COMPOUNDS
        .TANTALUM CARBIDES
        .TANTALUM NITRIDES
        .TANTALUM OXIDES
  RT  % CHEMICAL COMPOUNDS
      % GROUP 5B COMPOUNDS
      % METAL COMPOUNDS

TANTALUM ISOTOPES
  1703 2406
  GS    CHEMICAL ELEMENTS
        .NUCLIDES
        ..ISOTOPES
```

..#TANTALUM ISOTOPES
.TANTALUM
.#TANTALUM ISOTOPES
METALS
.REFRACTORY METALS
..TANTALUM
..#TANTALUM ISOTOPES
.TRANSITION METALS
..TANTALUM
..#TANTALUM ISOTOPES
REFRACTORY MATERIALS
.REFRACTORY METALS
..TANTALUM
..#TANTALUM ISOTOPES

TANTALUM NITRIDES
0603 1804
GS NITROGEN COMPOUNDS
.NITRIDES
..METAL NITRIDES
..#TANTALUM NITRIDES
TANTALUM COMPOUNDS
#TANTALUM NITRIDES

TANTALUM OXIDES
0603 1804
GS CHALCOGENIDES
.OXIDES
..METAL OXIDES
..#TANTALUM OXIDES
TANTALUM COMPOUNDS
#TANTALUM OXIDES

TANZANIA
1305
GS NATIONS
#TANZANIA
RT AFRICA

TAPE RECORDERS
0702 0905 2301 3405 9001
UF MAGNETIC TAPE RECORDERS
GS RECORDING INSTRUMENTS
#TAPE RECORDERS
..VIDEO TAPE RECORDERS
RT DATA RECORDERS
ELECTRONIC RECORDING SYSTEMS
MAGNETIC TAPE TRANSPORTS
MAGNETIC TAPES
% RECORDERS
RECORDING HEADS
RECORDING INSTRUMENTS

TAPER
USE TAPERING

TAPERED COLUMNS
3203
GS STRUCTURAL MEMBERS
.COLUMNS (SUPPORTS)
.#TAPERED COLUMNS

TAPERED WINGS
USE SWEPT WINGS

TAPERING
3408
UF TAPER
RT CONVERGENCE
DECELERATION
% REDUCTION

% TAPES
0801 0802 0803 1502 1504 1507
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ADHESIVES
AUDIO TAPES
COMPUTER COMPATIBLE TAPES
FASTENERS
HEAT TAPES
MAGNETIC TAPES
PLASTIC TAPES
PLAYBACKS
PUNCHED TAPES
RIBBONS
SEALS (STOPPERS)
SPLICING
VIDEO TAPES

TAPS
0902 0904
RT CUTTERS
DRILLS
MACHINE TOOLS
TOOLS

TAR SANDS
1306 1805 1806
GS RESOURCES
.EARTH RESOURCES
.#TAR SANDS
SEDIMENTS
.SANDS
.#TAR SANDS
SOILS
.SANDS
.#TAR SANDS
RT DISTILLATION
OIL EXPLORATION
OIL FIELDS
OILS
TARS

TARE (DATA REDUCTION)
USE DATA REDUCTION

TARGET ACQUISITION
0709 1410 2102 3101 3401
GS ACQUISITION
#TARGET ACQUISITION
RT DETECTION
HIGH ALT TARGET AND BACKGROUND
MEASUREMENT
MATTS (SYSTEMS)
MISSILE DETECTION
MOVING TARGET INDICATORS
MULTIPLE TARGET TRACKING
SOUND RANGING
SURVEILLANCE
TARGETS

TARGET DRONE AIRCRAFT
0201 0207 3401
GS DRONE VEHICLES
.DRONE AIRCRAFT
.#TARGET DRONE AIRCRAFT
...FIREBEE 2 TARGET DRONE AIRCRAFT
...JINDIVIK TARGET AIRCRAFT
PILOTLESS AIRCRAFT
.DRONE AIRCRAFT
.#TARGET DRONE AIRCRAFT
...FIREBEE 2 TARGET DRONE AIRCRAFT
...JINDIVIK TARGET AIRCRAFT
RT % AIRCRAFT
% MILITARY AIRCRAFT
REMOTELY PILOTED VEHICLES
TARGETS

TARGET MASKING
0701
GS MASKING
#TARGET MASKING
RT COUNTERMEASURES
TARGETS

TARGET PENETRATION
USE TERMINAL BALLISTICS

TARGET RECOGNITION
0502 0705 2103 3401
GS DETECTION
#TARGET RECOGNITION
RECOGNITION

#TARGET RECOGNITION
RT DISCRIMINATION
LASER TARGET DESIGNATORS
MISSILE DETECTION
MISSILE SIGNATURES
MULTIPLE TARGET TRACKING
MULTISTATIC RADAR
NAP-OF-THE-EARTH NAVIGATION
RADAR HOMING MISSILES
RADAR SIGNATURES
SIGNATURE ANALYSIS
SIGNATURES
SURVEILLANCE
TARGETS
TRADEX RADAR SYSTEM

TARGET SIMULATORS
1107 1108 3201 3501
GS SIMULATORS
#TARGET SIMULATORS
RT COMPUTERIZED SIMULATION
DISPLAY DEVICES

TARGET THICKNESS
2202 3201 3203
GS DIMENSIONS
#TARGET THICKNESS
RT PARTICLE ACCELERATOR TARGETS
TARGETS
THICKNESS

TARGET TRACKING
USE TRACKING (POSITION)

TARGETS
0701 0702 1904 2311 3006 3401
UF TOWED TARGETS
GS #TARGETS
.JINDIVIK TARGET AIRCRAFT
.LASER TARGETS
.PARTICLE ACCELERATOR TARGETS
.RADAR TARGETS
..RADAR TARGET SCATTER SITE PROGRAM
RT AIRBORNE INTEGRATED RECONNAISSANCE SYSTEM
COMMAND AND CONTROL
DETECTION
FIREBEE 2 TARGET DRONE AIRCRAFT
IRRADIATION
LASER TARGET DESIGNATORS
LASER TARGET INTERACTIONS
LINE OF SIGHT
MICROBALLOONS
% MISSIONS
MULTIPLE TARGET TRACKING
RADAR ECHOES
SANDPIPER TARGET MISSILE
SURVEILLANCE
TARGET ACQUISITION
TARGET DRONE AIRCRAFT
TARGET MASKING
TARGET RECOGNITION
TARGET THICKNESS

TARS
1808 3404
GS PRODUCTS
.PETROLEUM PRODUCTS
.#TARS
RT ASPHALT
GUMS (SUBSTANCES)
PITCH (MATERIAL)
TAR SANDS

TARTAR MISSILE
3101 3401
GS MISSILES
.ANTIAIRCRAFT MISSILES
.#TARTAR MISSILE
.SURFACE TO AIR MISSILES
.#TARTAR MISSILE
RT AJ-10 ENGINE
BUMBLEBEE PROJECT
SOLID PROPELLANT ROCKET ENGINES

TASK COMPLEXITY
0408 0410 0502
GS COMPLEXITY
#TASK COMPLEXITY
RT COSTS
% PERFORMANCE
QUALITY CONTROL
SCHEDULING

TASK PLANNING (ROBOTICS)
1504 3406
GS PLANNING
#TASK PLANNING (ROBOTICS)
RT ROBOTICS
ROBOTS
SCHEDULING
TASKS
TELEOPERATORS
TELEROBOTICS

TASKS
0408 0410 0502
UF JOBS
GS #TASKS
.AUDITORY TASKS
.VISUAL TASKS
RT COSTS
CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
% ELEMENTS
MATRIX MANAGEMENT
PHYSICAL WORK
PROJECTS
QUALITY CONTROL
RETRAINING
SCHEDULING
TASK PLANNING (ROBOTICS)
% TESTS

TASMANIA
1305
GS LANDFORMS
.ISLANDS
.#TASMANIA
RT AUSTRALIA

TASTE
0404 0408
UF GUSTATORY PERCEPTION
GS PERCEPTION
.SENSORY PERCEPTION
.#TASTE
RT CHEMORECEPTORS
SYNTHETIC FOOD

TATB
2701
UF TRIAMINOTRINITROBENZENE
GS EXPLOSIVES
#TATB
PROPELLANTS
.ROCKET PROPELLANTS
.#TATB
RT ROCKET OXIDIZERS

TAURID METEOROIDS
3005
GS CELESTIAL BODIES
.METEOROID SHOWERS
.#TAURID METEOROIDS
.METEOROIDS
.#TAURID METEOROIDS

TAURUS CONSTELLATION
3001
GS CONSTELLATIONS
#TAURUS CONSTELLATION
RT CRAB NEBULA
PLEIADES CLUSTER
T TAURI STARS

```
TAUTOMERS
  0603 1808
  RT    CONGENERS
        ISOMERS

TAXIING
  0201 0203
  RT    AIR TRAFFIC CONTROL
        AIRFIELD SURFACE MOVEMENTS
        RUNWAYS

TAXONOMY
  0402 0404 0409
  RT    CLASSIFICATIONS
     %  CLASSIFYING
     %  SCIENCE
     %  ZOOLOGY

TAYLOR INSTABILITY
  1202 2502
  RT    DENSITY DISTRIBUTION
        GOERTLER INSTABILITY
        INTERFACE STABILITY
        PERTURBATION THEORY
        ROTATING FLUIDS
        TWO DIMENSIONAL FLOW

TAYLOR MANIFEST ANXIETY SCALE
  0408 0410 1905
  RT    ANXIETY
        PHYSIOLOGICAL TESTS
        PSYCHOLOGICAL EFFECTS
        PSYCHOLOGICAL TESTS

TAYLOR SERIES
  1902
  UF    TAYLOR THEOREM
  GS    ANALYSIS (MATHEMATICS)
        .CALCULUS
        ..SERIES (MATHEMATICS)
        ...POWER SERIES
        ...#TAYLOR SERIES
        .....MACLAURIN SERIES
        .REAL VARIABLES
        ..SERIES (MATHEMATICS)
        ...POWER SERIES
        ...#TAYLOR SERIES
        .....MACLAURIN SERIES
  RT    THEOREMS

TAYLOR THEOREM
  USE   TAYLOR SERIES

TAYLOR-GOERTLER INSTABILITY
  USE   GOERTLER INSTABILITY

TCG (TRACKING)
  USE   TRANSPONDER CONTROL GROUP

TCV PROGRAM
  USE   TERMINAL CONFIGURED VEHICLE PROGRAM

TD SATELLITES
  1307
  GS    ARTIFICIAL SATELLITES
        .ESA SATELLITES
        .#TD SATELLITES
        ...TD-1 SATELLITE
        .SYNCHRONOUS SATELLITES
        .#TD SATELLITES
        ...TD-1 SATELLITE
        ESA SPACECRAFT
        .ESA SATELLITES
        .#TD SATELLITES
        ...TD-1 SATELLITE

TD-1 SATELLITE
  3107
  GS    ARTIFICIAL SATELLITES
        .ESA SATELLITES
        ..TD SATELLITES
        ..#TD-1 SATELLITE
        .SYNCHRONOUS SATELLITES
        ..TD SATELLITES
        ..#TD-1 SATELLITE
        ESA SPACECRAFT
        .ESA SATELLITES
        ..TD SATELLITES
        ..#TD-1 SATELLITE

TDMA
  USE   TIME DIVISION MULTIPLE ACCESS

TDR SATELLITES
  3107
  UF    TRACKING AND DATA RELAY SATELLITES
  RT    AUTONOMOUS SPACECRAFT CLOCKS
        COMMUNICATING
        DATA TRANSMISSION
        RADIO RELAY SYSTEMS
        SATELLITE NETWORKS
        SATELLITE TRANSMISSION
        TELECOMMUNICATION
        TELEMETRY

TEA LASERS
  1203 1601 2311 3304
  UF    TRANSVERSELY EXCITED ATMOSPHERIC
        LASERS
  GS    STIMULATED EMISSION DEVICES
        .LASERS
        ..GAS LASERS
        ..#TEA LASERS
  RT    ATMOSPHERIC LASERS
        CARBON DIOXIDE LASERS
        CARBON MONOXIDE LASERS
        CHEMICAL LASERS
        GAS MASERS
        HF LASERS
        LASER MODES
        PULSED LASERS
        STIMULATED EMISSION

TEACHERS
  USE   INSTRUCTORS

TEACHING
  USE   EDUCATION

TEACHING MACHINES
  0502 0506 0802 0804 3404
  GS    TRAINING DEVICES
        #TEACHING MACHINES
  RT    LEARNING
        MACHINE LEARNING
     %  MACHINERY

TEAMS
  3406 3409
  RT    BUREAUS (ORGANIZATIONS)
        FEDERATIONS
        INSTITUTIONS
        ORGANIZATIONS
        PROJECTS
        UNIVERSITY PROGRAM

TEARING
  1504 3204 3407
  RT    MECHANICAL PROPERTIES
        RUPTURING
        SHREDDING

TEARING MODES (PLASMAS)
  2502
  RT    BALLOONING MODES
        MODES
        PLASMAS (PHYSICS)

TECHNETIUM
  1703 2406
  GS    CHEMICAL ELEMENTS
        #TECHNETIUM
        METALS
        .TRANSITION METALS
```

.#TECHNETIUM

TECHNETIUM COMPOUNDS
0603 1804
GS #TECHNETIUM COMPOUNDS
.TECHNETIUM FLUORIDES
RT % CHEMICAL COMPOUNDS
% GROUP 7B COMPOUNDS
% METAL COMPOUNDS

TECHNETIUM FLUORIDES
0603 1804
GS HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORIDES
..#TECHNETIUM FLUORIDES
.HALIDES
..FLUORIDES
..#TECHNETIUM FLUORIDES
..METAL HALIDES
..#TECHNETIUM FLUORIDES
TECHNETIUM COMPOUNDS
#TECHNETIUM FLUORIDES

TECHNETIUM ISOTOPES
0603 1703
GS METALS
.TRANSITION METALS
.#TECHNETIUM ISOTOPES

TECHNICAL WRITING
3404 3405
RT ABSTRACTS
DOCUMENTATION
EDITING
RECORDS
SPECIFICATIONS
TRANSLATING

TECHNIQUES
USE METHODOLOGY

TECHNOLOGICAL FORECASTING
1905 3402 3404
GS FORECASTING
#TECHNOLOGICAL FORECASTING
..DELPHI METHOD (FORECASTING)
..PATTERN METHOD (FORECASTING)
..PROBE METHOD (FORECASTING)
..PROFILE METHOD (FORECASTING)
RT AEROSPACE TECHNOLOGY TRANSFER
ESTIMATING
PREDICTIONS
TECHNOLOGY TRANSFER

TECHNOLOGIES
3404
GS #TECHNOLOGIES
.BIOTECHNOLOGY
.BUBBLE TECHNIQUE
.ENERGY TECHNOLOGY
..GEOTHERMAL TECHNOLOGY
.MARINE TECHNOLOGY
.MILITARY TECHNOLOGY
.REACTOR TECHNOLOGY
RT INDUSTRIES
LOW GRAVITY MANUFACTURING
MANUFACTURING
NUCLEONICS
SPACE MANUFACTURING
TECHNOLOGY ASSESSMENT
TECHNOLOGY UTILIZATION
URBAN DEVELOPMENT

TECHNOLOGY ASSESSMENT
3402 3403 3404 3406 3409
GS ASSESSMENTS
#TECHNOLOGY ASSESSMENT
RT CANADIAN SPACE PROGRAM
COMMUNICATIONS TECHNOLOGY SATELLITE
DELPHI METHOD (FORECASTING)
EVALUATION
FEASIBILITY ANALYSIS
INDUSTRIES
MANUFACTURING
PATTERN METHOD (FORECASTING)
PROBE METHOD (FORECASTING)
PROFILE METHOD (FORECASTING)
STRATEGIC MATERIALS
TECHNOLOGIES
VALUE

TECHNOLOGY FEASIBILITY SPACECRAFT
3110
GS UNMANNED SPACECRAFT
#TECHNOLOGY FEASIBILITY SPACECRAFT
RT SCIENTIFIC SATELLITES
% SPACECRAFT

TECHNOLOGY TRANSFER
3404 3405
GS #TECHNOLOGY TRANSFER
.AEROSPACE TECHNOLOGY TRANSFER
RT COMMUNICATING
COMMUNICATION
DOCUMENTATION
DOCUMENTS
INFORMATION FLOW
INFORMATION MANAGEMENT
INFORMATION TRANSFER
REPORTS
SELECTIVE DISSEMINATION OF
INFORMATION
SPACE COMMERCIALIZATION
STARSITE PROGRAM
TECHNOLOGICAL FORECASTING
TECHNOLOGY UTILIZATION
TRANSFERRING

TECHNOLOGY UTILIZATION
3404
RT AEROSPACE TECHNOLOGY TRANSFER
CANADIAN SPACE PROGRAM
COMMUNICATIONS TECHNOLOGY SATELLITE
CONTROL CONFIGURED VEHICLES
GENERAL OVERVIEWS
INDIAN SPACE PROGRAM
INDUSTRIES
INFORMATION TRANSFER
LASER APPLICATIONS
MANUFACTURING
NASA PROGRAMS
PATENT APPLICATIONS
RESEARCH AND DEVELOPMENT
SYNCHRONOUS EARTH OBSERVATORY
SATELLITE
TECHNOLOGIES
TECHNOLOGY TRANSFER
UTILIZATION

TECTONIC MOVEMENT
USE TECTONICS

TECTONICS
1306 1308
UF TECTONIC MOVEMENT
GS GEOLOGY
#TECTONICS
RT % DEPRESSION
EARTH MOVEMENTS
EARTH PLANETARY STRUCTURE
FISSURES (GEOLOGY)
GEOPHYSICS
PLATES (TECTONICS)
SEA FLOOR SPREADING
SUBDUCTION (GEOLOGY)

TED
USE TRANSFERRED ELECTRON DEVICES

TEDLAR (TRADEMARK)
USE POLYVINYL FLUORIDE

TEE
USE T SHAPE

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TEETERING
  2311 3407
  RT % MOTION

TEETH
  0402 0405
  SN   (EXCLUDES GEAR TEETH AND OTHER
       MECHANICAL DEVICES)
  GS   ANATOMY
       .DIGESTIVE SYSTEM
       .#TEETH
  RT   DENTAL CALCULI
       DENTISTRY
       MASTICATION
       MOUTH
       ORAL HYGIENE
       TOOTH DISEASES

TEFLON (TRADEMARK)
  1808 1810
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORO COMPOUNDS
       ...DIFLUORO COMPOUNDS
       ....POLYTETRAFLUOROETHYLENE
       ....#TEFLON (TRADEMARK)
       PLASTICS
       .POLYTETRAFLUOROETHYLENE
       .#TEFLON (TRADEMARK)
  RT % POLYMERS
       RESINS
       SYNTHETIC RESINS

TEKTITE PROJECT
  3409
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#TEKTITE PROJECT
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#TEKTITE PROJECT

TEKTITES
  1305 1806 3005
  GS   CELESTIAL BODIES
       .METEORITES
       ..STONY METEORITES
       ..#TEKTITES
       ....AUSTRALITES
       ....BEDIASITES
  RT   CHONDRITES
       COESITE
       CYRILLID METEOROIDS
       METEORITIC COMPOSITION
       METEORITIC MICROSTRUCTURES
       MICROMETEORITES
       NATURAL SATELLITES

TELECHIRICS
  USE  REMOTE HANDLING

TELECOMMUNICATION
  0702 0707 0708 0709
  UF   COMMUNICATION SYSTEMS
  GS  #TELECOMMUNICATION
       .AIRCRAFT COMMUNICATION
       .BROADCASTING
       .CLOSED CIRCUIT TELEVISION
       .COLOR TELEVISION
       .COMMUNICATION
       ..FACSIMILE COMMUNICATION
       ..LINE OF SIGHT COMMUNICATION
       ..OPTICAL COMMUNICATION
       ..SHIP TO SHORE COMMUNICATION
       ..UNDERWATER COMMUNICATION
       .DATA LINKS
       .DEFENSE COMMUNICATIONS SATELLITE
        SYSTEM
       ..FLEET SATELLITE COMMUNICATION
         SYSTEM
       .DEFENSE COMMUNICATIONS SYSTEM
        (DCS)
       .EDUCATIONAL TELEVISION
       .ELECTRONIC MAIL
       .GROUND-AIR-GROUND COMMUNICATION
       .HET EXPERIMENT
       .MULTICHANNEL COMMUNICATION
       .MULTIPLE ACCESS
       ..ALOHA SYSTEM
       ..CODE DIVISION MULTIPLE ACCESS
       ..DEMAND ASSIGNMENT MULTIPLE ACCESS
       ..FREQUENCY DIVISION MULTIPLE
         ACCESS
       ..TIME DIVISION MULTIPLE ACCESS
       .PACKET TRANSMISSION
       ..ALOHA SYSTEM
       .PLAT SYSTEM
       .PULSE COMMUNICATION
       ..DIGITAL SPACECRAFT TELEVISION
       .RADIO COMMUNICATION
       ..RADIO RELAY SYSTEMS
       ...CODE DIVISION MULTIPLE ACCESS
       ...TIME DIVISION MULTIPLE ACCESS
       ..RADIO TELEGRAPHY
       ..RADIO TELEMETRY
       ...PULSE FREQUENCY MODULATION
          TELEMETRY
       ..TELEPHONY
       .RADIOTELEPHONES
       .SINGLE CHANNEL PER CARRIER
        TRANSMISSION
       .SPACE COMMUNICATION
       ..EXTRATERRESTRIAL COMMUNICATION
       ..INTERPLANETARY COMMUNICATION
       ..LUNAR COMMUNICATION
       ...CIRCUMLUNAR COMMUNICATION
       ..SPACECRAFT COMMUNICATION
       ...REENTRY COMMUNICATION
       ...SATELLITE COMMUNICATION
       .SPACECRAFT ANTENNAS
       .SPACECRAFT TELEVISION
       ..DIGITAL SPACECRAFT TELEVISION
       ..RANGER BLOCK 3 TELEVISION SYSTEM
       ..SATELLITE TELEVISION
       .STEREOTELEVISION
       .TELEMETRY
       ..BIOTELEMETRY
       ..P.A.C.M. TELEMETRY
       ..PCM TELEMETRY
       ..RADIO TELEMETRY
       ...PULSE FREQUENCY MODULATION
          TELEMETRY
       .TRANSOCEANIC COMMUNICATION
       .VIDEO COMMUNICATION
       .VOICE COMMUNICATION
       ..TELEPHONY
       .WIDEBAND COMMUNICATION
       .WIRELESS COMMUNICATION
  RT   ACCESS CONTROL
       ANTENNAS
       ARPA COMPUTER NETWORK
       AUTOMATIC REPEAT REQUEST
     % CHANNELS
       CODE DIVISION MULTIPLEXING
       COMMUNICATING
       COMMUNICATION NETWORKS
       COMMUNICATION SATELLITES
       COMPUTERS
       DATA COMPRESSION
       DATA PROCESSING
       DATA SAMPLING
       DATA TRANSMISSION
       DEMODULATION
     % DETECTORS
       DIGITAL SYSTEMS
       DIRECT BROADCAST SATELLITES
       ELECTROMAGNETIC RADIATION
       FREQUENCY DIVISION MULTIPLEXING
       INFORMATION THEORY
       INTERFACES
       INTERPHONES
       MODULATION
       MOLNIYA SATELLITES
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      MORSE CODE
      NASCOM NETWORK
      ONBOARD EQUIPMENT
      PACKET SWITCHING
      POINT TO POINT COMMUNICATION
      SATELLITE ANTENNAS
      SEAFARER PROJECT
      SIGNAL DETECTION
      SIGNAL DETECTORS
      SIGNAL ENCODING
      SIGNAL TRANSMISSION
    % SIGNALS
    % SYSTEMS
      TDR SATELLITES
      TELECONFERENCING
      TELEGRAPH SYSTEMS
      TELETYPEWRITER SYSTEMS
      TELEVISION SYSTEMS
      TRANSCONTINENTAL SYSTEMS
      TRANSMISSION
      TRANSMISSION CIRCUITS
      TRANSMISSION LINES
      TRANSMISSION RATE (COMMUNICATIONS)
      TRANSMITTERS
      TRANSOCEANIC SYSTEMS
      VIDEO DATA
      VSAT (NETWORK)
      WESTAR SATELLITES

TELECONFERENCING
  0702 0707 0708 0709 9001
  GS  #TELECONFERENCING
      .HET EXPERIMENT
  RT  COMMUNICATION SATELLITES
      COMPUTER CONFERENCING
      CONFERENCES
      MULTICHANNEL COMMUNICATION
      MULTIMEDIA
      SATELLITE NETWORKS
      TELECOMMUNICATION

TELECONNECTIONS (METEOROLOGY)
  2001 2003
  RT  CLIMATOLOGY
      CORRELATION
      DATA CORRELATION
      EARTH ATMOSPHERE
      METEOROLOGICAL PARAMETERS
      METEOROLOGY
      SECULAR VARIATIONS
      SIGNIFICANCE
      SPATIAL DISTRIBUTION
      STATISTICAL ANALYSIS
      STATISTICAL CORRELATION
      SYNOPTIC METEOROLOGY
      TEMPORAL DISTRIBUTION

TELEGRAPH SYSTEMS
  0701 0702 0710 2402
  UF  TELEGRAPHY
  RT  PULSE COMMUNICATION
      RADIO COMMUNICATION
      SINGLE CHANNEL PER CARRIER
      TRANSMISSION
    % SYSTEMS
      TELECOMMUNICATION
      TELEPRINTERS
      TELETYPEWRITERS
      WESTAR SATELLITES

TELEGRAPHY
  USE  TELEGRAPH SYSTEMS

TELEMETERS
  USE  TELEMETRY

TELEMETRY
  0708
  UF  TELEMETERS
  GS  TELECOMMUNICATION
      #TELEMETRY
      ..BIOTELEMETRY
      ..P.A.C.M. TELEMETRY
      ..PCM TELEMETRY
      ..RADIO TELEMETRY
      ...PULSE FREQUENCY MODULATION
         TELEMETRY
      TRANSMISSION
      .SIGNAL TRANSMISSION
      .#TELEMETRY
      ...BIOTELEMETRY
      ...P.A.C.M. TELEMETRY
      ...PCM TELEMETRY
      ...RADIO TELEMETRY
      ....PULSE FREQUENCY MODULATION
          TELEMETRY
  RT  ADVANCED RANGE INSTRUMENTATION
      AIRCRAFT
      COMMUNICATION EQUIPMENT
      DATA COMPRESSION
      DATA LINKS
      DATA RETRIEVAL
      DATA TRANSMISSION
      DECOMMUTATORS
      DIFFERENTIAL PULSE CODE MODULATION
      IN-FLIGHT MONITORING
      MEASURING INSTRUMENTS
      PULSE COMMUNICATION
      RADIO COMMUNICATION
      SHIP TO SHORE COMMUNICATION
      SIGNAL PROCESSING
      SINGLE CHANNEL PER CARRIER
      TRANSMISSION
      SPIRAL ANTENNAS
      TDR SATELLITES
      TIME DIVISION MULTIPLEXING
      TRAJECTORY MEASUREMENT
      TRANSPONDER CONTROL GROUP
      WEATHER DATA RECORDERS
      WIRELESS COMMUNICATION

TELEOPERATOR MANEUVERING SYSTEM
  USE  TELEOPERATORS

TELEOPERATORS
  0503 2102 2104
  UF  TELEOPERATOR MANEUVERING SYSTEM
  GS  CONTROL EQUIPMENT
      #TELEOPERATORS
  RT  HUMAN FACTORS ENGINEERING
      MAN MACHINE SYSTEMS
      MANIPULATORS
      REMOTE CONTROL
      REMOTE HANDLING
      ROBOTICS
      TACTILE SENSORS (ROBOTICS)
      TASK PLANNING (ROBOTICS)
      TELEROBOTICS
      TORQUE SENSORS (ROBOTICS)

TELEPHONES
  0701 0702
  GS  #TELEPHONES
      .RADIOTELEPHONES
  RT  EARPHONES
      TELEPHONY
      UTILITIES

TELEPHONY
  0702 0705 0710 0902
  GS  TELECOMMUNICATION
      .RADIO COMMUNICATION
      .#TELEPHONY
      .VOICE COMMUNICATION
      .#TELEPHONY
      TRANSMISSION
      #TELEPHONY
  RT  COMMUNICATION EQUIPMENT
      CROSSTALK
      ECHO SUPPRESSORS
      RADIOTELEPHONES
      SINGLE CHANNEL PER CARRIER
      TRANSMISSION
      SOUND TRANSMISSION
      SYMPHONIE SATELLITES
```

TELEPHONES
VERBAL COMMUNICATION

TELEPHOTOMETERS
USE TELEPHOTOMETRY

TELEPHOTOMETRY
1406 2306 2310
UF TELEPHOTOMETERS
GS OPTICAL MEASUREMENT
.PHOTOMETRY
.#TELEPHOTOMETRY
RT ASTRONOMICAL PHOTOMETRY
OPTICAL MEASURING INSTRUMENTS
PHOTOMETERS
TRANSMISSOMETERS

TELEPRINTERS
0702 0703 1504 3405
GS PRINTERS
#TELEPRINTERS
TYPEWRITERS
.TELETYPEWRITERS
.#TELEPRINTERS
RT KEYING
PRINTERS (DATA PROCESSING)
RECEIVERS
TELEGRAPH SYSTEMS

TELEROBOTICS
1504 3404
GS ROBOTICS
#TELEROBOTICS
RT MANIPULATORS
ORBITAL SERVICING
REMOTE CONTROL
ROBOT DYNAMICS
ROBOTS
SPACE TOOLS
TASK PLANNING (ROBOTICS)
TELEOPERATORS

TELESAT CANADA A
USE ANIK 1

TELESAT CANADA B
USE ANIK 2

TELESAT CANADA C
USE ANIK 3

TELESAT CANADA 3
USE ANIK 3

TELESCOPES
1412 3001
UF ASTRONOMICAL TELESCOPES
GS #TELESCOPES
.CELESCOPES
.CIRCUMSOLAR TELESCOPES
.GAMMA RAY TELESCOPES
.GRAZING INCIDENCE TELESCOPES
..GRIST (TELESCOPE)
.HELIOMETERS
..PYROHELIOMETERS
.INFRARED TELESCOPES
..LARGE DEPLOYABLE REFLECTOR
..SPACE INFRARED TELESCOPE FACILITY
.MANNED ORBITAL TELESCOPES
..APOLLO TELESCOPE MOUNT
.PARTICLE TELESCOPES
.RADIO TELESCOPES
..KILOMETER WAVE ORBITING TELESCOPE
..VERY LARGE ARRAY (VLA)
..VERY LONG BASELINE ARRAY (VLBA)
.REFLECTING TELESCOPES
..LARGE DEPLOYABLE REFLECTOR
..STARSAT TELESCOPE
.REFRACTING TELESCOPES
.SCHMIDT TELESCOPES
.SPACEBORNE TELESCOPES
..GERMAN INFRARED LABORATORY
..HUBBLE SPACE TELESCOPE
..INFRARED SPACE OBSERVATORY (ISO)
..LARGE DEPLOYABLE REFLECTOR
..LIRTS (TELESCOPE)
..SOLAR OPTICAL TELESCOPE
..SPACE INFRARED TELESCOPE FACILITY
..STARLAB
..STARSAT TELESCOPE
..X RAY ASTROPHYSICS FACILITY
.SPECTROSCOPIC TELESCOPES
..MULTISPECTRAL TRACKING TELESCOPES
..STRATOSCOPE TELESCOPES
.ULTRAVIOLET TELESCOPES
..STARLAB
.X RAY TELESCOPES
..X RAY ASTROPHYSICS FACILITY
RT ANTENNAS
ASTRONOMICAL OBSERVATORIES
ASTRONOMY
BALLOON-BORNE INSTRUMENTS
BINOCULARS
CASSEGRAIN OPTICS
CORONAGRAPHS
ETALONS
EYEPIECES
LENSES
MIRRORS
MULTI-ANODE MICROCHANNEL ARRAYS
OPTICAL EQUIPMENT
OPTICAL MEASURING INSTRUMENTS
OPTICAL TRANSFER FUNCTION
PERISCOPES
REFLECTORS
SCHMIDT CAMERAS
SEEING (ASTRONOMY)
SOLAR INSTRUMENTS
SPACEBORNE ASTRONOMY
ULTRAVIOLET ASTRONOMY

TELESCOPING STRUCTURES
USE FOLDING STRUCTURES

TELETYPEWRITER SYSTEMS
0702 1504 3405
RT FACSIMILE COMMUNICATION
MICROWAVE TRANSMISSION
% SYSTEMS
TELECOMMUNICATION
TELETYPEWRITERS

TELETYPEWRITERS
0702 1504 3405
GS TYPEWRITERS
#TELETYPEWRITERS
..TELEPRINTERS
RT KEYING
RECEIVERS
TELEGRAPH SYSTEMS
TELETYPEWRITER SYSTEMS

TELEVISION CAMERAS
0701 0702 1410 1412 2903 9001
GS OPTICAL EQUIPMENT
.CAMERAS
.#TELEVISION CAMERAS
PHOTOGRAPHIC EQUIPMENT
.CAMERAS
.#TELEVISION CAMERAS
TELEVISION EQUIPMENT
#TELEVISION CAMERAS
RT CAMERA TUBES
CLOSED CIRCUIT TELEVISION
LALLEMAND CAMERAS
OPTICAL SCANNERS
ORTHICONS
RASTER SCANNING
RETURN BEAM VIDICONS
SATELLITE TELEVISION

TELEVISION EQUIPMENT
0701 0702 1410 1412
GS #TELEVISION EQUIPMENT
.IMAGE DISSECTOR TUBES

.MONOSCOPES
.TELEVISION CAMERAS
.TELEVISION RECEIVERS
RT CATHODE RAY TUBES
DIPLEXERS
% EQUIPMENT
FLYING SPOT SCANNERS
ORTHICONS
PICTURE TUBES
VIDEO EQUIPMENT

TELEVISION RECEIVERS
0702 0710 0901
GS RECEIVERS
#TELEVISION RECEIVERS
TELEVISION EQUIPMENT
#TELEVISION RECEIVERS
RT CLOSED CIRCUIT TELEVISION
TUNERS

TELEVISION RECEPTION
0702 0710 0901
GS SIGNAL RECEPTION
#TELEVISION RECEPTION
RT COLOR TELEVISION
RADIO RECEIVERS
RADIO RECEPTION
% RECEIVING

TELEVISION SYSTEMS
0506 0701 0702 0705 0708 1412 9001
GS #TELEVISION SYSTEMS
.ADVANCED VIDICON CAMERA SYSTEM (AVCS)
.CABLE TELEVISION
.CLOSED CIRCUIT TELEVISION
.COLOR TELEVISION
.EDUCATIONAL TELEVISION
.HIGH DEFINITION TELEVISION
.PLAT SYSTEM
.SPACECRAFT TELEVISION
..DIGITAL SPACECRAFT TELEVISION
..RANGER BLOCK 3 TELEVISION SYSTEM
..SATELLITE TELEVISION
.STEREOTELEVISION
RT COMMUNICATION EQUIPMENT
DIGITAL TELEVISION
EARTH TERMINALS
FACSIMILE COMMUNICATION
IMAGING TECHNIQUES
ORBIT SPECTRUM UTILIZATION
RADIO COMMUNICATION
SPACE COMMUNICATION
% SYSTEMS
TELECOMMUNICATION
VIDEO COMMUNICATION
VIDEO DATA

TELEVISION TRANSMISSION
0702 0710 0901
GS TRANSMISSION
.ELECTROMAGNETIC WAVE TRANSMISSION
.#TELEVISION TRANSMISSION
.SIGNAL TRANSMISSION
.#TELEVISION TRANSMISSION
RT AUTOMATIC PICTURE TRANSMISSION
CABLE TELEVISION
CLOSED CIRCUIT TELEVISION
COLOR TELEVISION
DIGITAL TELEVISION
DIRECT BROADCAST SATELLITES
DOUBLE SIDEBAND TRANSMISSION
HIGH DEFINITION TELEVISION
LINE OF SIGHT COMMUNICATION
MOLNIYA SATELLITES
RADIO TRANSMITTERS
SATELLITE TELEVISION
SATELLITE TRANSMISSION
SINGLE SIDEBAND TRANSMISSION
SMEAR
SPACECRAFT TELEVISION
SWEEP FREQUENCY
TIME DIVISION MULTIPLEXING
TRANSMITTERS
WAVE PROPAGATION

TELLEGEN THEORY
USE GYRATORS
NETWORK ANALYSIS
NETWORK SYNTHESIS

TELLURIC CURRENTS
1301 1302 1308 2304
UF EARTH CURRENTS
GS ELECTRIC CURRENT
#TELLURIC CURRENTS
ELECTRICITY
.GEOELECTRICITY
.#TELLURIC CURRENTS
RT ATMOSPHERIC ELECTRICITY
AURORAL ELECTROJETS
DYNAMO THEORY
FIELD ALIGNED CURRENTS
GEOMAGNETIC MICROPULSATIONS

TELLURIC LINES
1301 1302 1308 1411 2306
GS SPECTRA
.RADIATION SPECTRA
..ABSORPTION SPECTRA
..#TELLURIC LINES
..ELECTROMAGNETIC SPECTRA
...LINE SPECTRA
...#TELLURIC LINES
.SPECTRAL BANDS
..ABSORPTION SPECTRA
..#TELLURIC LINES
RT H LINES

TELLURIDES
0603 1704 1804
GS CHALCOGENIDES
#TELLURIDES
..BISMUTH TELLURIDES
..CADMIUM TELLURIDES
..INDIUM TELLURIDES
..LANTHANUM TELLURIDES
..LEAD TELLURIDES
..MERCURY TELLURIDES
..TIN TELLURIDES
..ZINC TELLURIDES
TELLURIUM COMPOUNDS
#TELLURIDES
..BISMUTH TELLURIDES
..CADMIUM TELLURIDES
..INDIUM TELLURIDES
..LANTHANUM TELLURIDES
..LEAD TELLURIDES
..MERCURY TELLURIDES
..TIN TELLURIDES
..ZINC TELLURIDES
RT INTERMETALLICS

TELLURIUM
0603 1703
GS CHEMICAL ELEMENTS
.METALLOIDS
.#TELLURIUM
...TELLURIUM ISOTOPES
.NUCLIDES
..ISOTOPES
..#TELLURIUM
....TELLURIUM ISOTOPES

TELLURIUM ALLOYS
1701 1704
GS ALLOYS
#TELLURIUM ALLOYS

TELLURIUM COMPOUNDS
0603 1804
GS #TELLURIUM COMPOUNDS
.TELLURIDES
..BISMUTH TELLURIDES
..CADMIUM TELLURIDES

..INDIUM TELLURIDES
..LANTHANUM TELLURIDES
..LEAD TELLURIDES
..MERCURY TELLURIDES
..TIN TELLURIDES
..ZINC TELLURIDES
RT % CHEMICAL COMPOUNDS
% GROUP 6A COMPOUNDS

TELLURIUM ISOTOPES
0603 1703 2406
UF TELLURIUM 119
GS CHEMICAL ELEMENTS
.METALLOIDS
..TELLURIUM
..#TELLURIUM ISOTOPES
.NUCLIDES
..ISOTOPES
...TELLURIUM
...#TELLURIUM ISOTOPES

TELLURIUM 119
USE TELLURIUM ISOTOPES

TELLUROMETERS
0705 1406
GS MEASURING INSTRUMENTS
.DISTANCE MEASURING EQUIPMENT
.#TELLUROMETERS
RT GEODIMETERS
RANGE FINDERS

TELSTAR PROJECT
0702 0706 3107 3409
GS PROGRAMS
.PROJECTS
.#TELSTAR PROJECT
RT ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
COMSAT PROGRAM

TELSTAR SATELLITES
0702 0706 3107 3409
GS ARTIFICIAL SATELLITES
#TELSTAR SATELLITES
..TELSTAR 1 SATELLITE
..TELSTAR 2 SATELLITE
RT COMSAT PROGRAM
THOR DELTA LAUNCH VEHICLE

TELSTAR 1 SATELLITE
0706 3107
GS ARTIFICIAL SATELLITES
.TELSTAR SATELLITES
.#TELSTAR 1 SATELLITE

TELSTAR 2 SATELLITE
0706 3107
GS ARTIFICIAL SATELLITES
.TELSTAR SATELLITES
.#TELSTAR 2 SATELLITE

TEM (MICROSCOPY)
USE TRANSMISSION ELECTRON MICROSCOPY

TEMPEL 2 COMET
1901 3001
GS CELESTIAL BODIES
.COMETS
.#TEMPEL 2 COMET
RT % COMA
METEOROIDS
SOLAR SYSTEM

TEMPER (METALLURGY)
1504 1704
RT COLD WORKING
DUCTILITY
HARDNESS
HEAT TREATMENT

TEMPERATE REGIONS
1305 2001
UF MIDLATITUDES
SUBTROPICAL REGIONS
GS REGIONS
#TEMPERATE REGIONS
RT CLIMATOLOGY
GEOGRAPHY
POLAR REGIONS
TROPICAL REGIONS

TEMPERATURE
1408 2003 2311 2404 3304 3408 3009
3501
UF BODY TEMPERATURE (NON-BIOLOGICAL)
GS #TEMPERATURE
.ABSOLUTE ZERO
.AMBIENT TEMPERATURE
.ATMOSPHERIC TEMPERATURE
..AURORAL TEMPERATURE
..IONOSPHERIC TEMPERATURE
.BODY TEMPERATURE
.BRIGHTNESS TEMPERATURE
.COMBUSTION TEMPERATURE
.CRITICAL TEMPERATURE
.CURIE TEMPERATURE
.FLAME TEMPERATURE
.GAS TEMPERATURE
.GLASS TRANSITION TEMPERATURE
.HIGH TEMPERATURE
.IGNITION TEMPERATURE
..FLASH POINT
.INLET TEMPERATURE
.ION TEMPERATURE
.LAND SURFACE TEMPERATURE
.LOW TEMPERATURE
..CRYOGENIC TEMPERATURE
.LUNAR TEMPERATURE
.NEEL TEMPERATURE
.NOISE TEMPERATURE
.OPERATING TEMPERATURE
.PLANETARY TEMPERATURE
.PLASMA TEMPERATURE
.ROOM TEMPERATURE
.SATELLITE TEMPERATURE
.SKIN TEMPERATURE (BIOLOGY)
.SOLAR TEMPERATURE
.SPACE TEMPERATURE
.SPIN TEMPERATURE
.STAGNATION TEMPERATURE
.STELLAR TEMPERATURE
.SUBZERO TEMPERATURE
.SURFACE TEMPERATURE
..SKIN TEMPERATURE (NON-BIOLOGICAL)
..WALL TEMPERATURE
.TRANSITION TEMPERATURE
.WATER TEMPERATURE
..OCEAN TEMPERATURE
...SEA SURFACE TEMPERATURE
RT ABLATIVE MATERIALS
ADIABATIC CONDITIONS
AIR CONDITIONING
BIOLOGICAL EFFECTS
CLIMATOLOGY
COMFORT
CONVECTIVE FLOW
ELECTRON ENERGY
EMISSIVITY
ENVIRONMENTS
FREE CONVECTION
GEOTEMPERATURE
GIBBS-HELMHOLTZ EQUATIONS
HEAT
HEAT SHIELDING
HEAT STORAGE
HEATING
HUMIDITY
ISOTHERMS
LAPSE RATE
MELTING POINTS
METEOROLOGY
OCEAN THERMAL ENERGY CONVERSION
REFRIGERATING
SAHA EQUATIONS

SURFACE COOLING
TEMPERATURE COMPENSATION
TEMPERATURE CONTROL
TEMPERATURE DEPENDENCE
TEMPERATURE DISTRIBUTION
TEMPERATURE EFFECTS
TEMPERATURE GRADIENTS
TEMPERATURE INVERSIONS
TEMPERATURE MEASUREMENT
TEMPERATURE MEASURING INSTRUMENTS
TEMPERATURE PROBES
TEMPERATURE PROFILES
TEMPERATURE RATIO
TEMPERATURE SCALES
TEMPERATURE SENSORS
TEPHIGRAMS
THERMAL ABSORPTION
THERMAL ANALYSIS
THERMAL BLOOMING
THERMAL BOUNDARY LAYER
THERMAL BUCKLING
THERMAL COMFORT
THERMAL CONDUCTIVITY
THERMAL CONDUCTIVITY GAGES
THERMAL CONDUCTORS
THERMAL CONTROL COATINGS
THERMAL CYCLING TESTS
THERMAL DECOMPOSITION
THERMAL DEGRADATION
THERMAL DIFFUSION
THERMAL DIFFUSIVITY
THERMAL DISSOCIATION
THERMAL EMISSION
THERMAL ENERGY
THERMAL ENVIRONMENTS
THERMAL EXPANSION
THERMAL FATIGUE
THERMAL INSTABILITY
THERMAL INSULATION
THERMAL MAPPING
THERMAL NEUTRONS
THERMAL NOISE
THERMAL PLASMAS
THERMAL POLLUTION
THERMAL PROTECTION
THERMAL RADIATION
THERMAL REACTORS
THERMAL RESISTANCE
THERMAL RESOURCES
THERMAL SHOCK
THERMAL SIMULATION
THERMAL STABILITY
THERMAL STRESSES
THERMAL VACUUM TESTS
THERMODYNAMIC EFFICIENCY
THERMODYNAMIC PROPERTIES
VENTILATION

TEMPERATURE COMPENSATION
0710 2003 2601 3303 3501
GS INSTRUMENT COMPENSATION
#TEMPERATURE COMPENSATION
RT % COMPENSATION
TEMPERATURE

TEMPERATURE CONTROL
0503 0506 1408 2003 3303 3304 3305
3501
UF HEAT REGULATION
RT AIR CONDITIONING
AUTOMATIC CONTROL
AUTOMATIC CONTROL VALVES
CHEMICAL REACTION CONTROL
COMBUSTION CONTROL
% CONTROL
CONTROLLERS
COOLING
COOLING SYSTEMS
CRYOSTATS
ENGINE CONTROL
ENVIRONMENTAL CONTROL
ENVIRONMENTAL ENGINEERING
EXHAUST SYSTEMS
HEAT SHIELDING
HEATING
HEATING EQUIPMENT
HIGH TEMPERATURE TESTS
INFRARED SUPPRESSION
LOW TEMPERATURE TESTS
MANUAL CONTROL
PLASMA COOLING
REFRIGERATING
REFRIGERATING MACHINERY
REMOTE CONTROL
REUSABLE HEAT SHIELDING
SPACE COOLING (BUILDINGS)
SPACE HEATING (BUILDINGS)
SPACECRAFT TEMPERATURE
TEMPERATURE
THERMAL CONTROL COATINGS
THERMAL CYCLING TESTS
THERMAL INSULATION
THERMOMETERS
THERMOREGULATION
THERMOSTATS
TRANSPIRATION
VENTILATION
WATER HEATING

TEMPERATURE DEPENDENCE
1902
GS DEPENDENCE
#TEMPERATURE DEPENDENCE
RT HEAT AFFECTED ZONE
HOT CORROSION
MISCIBILITY GAP
TEMPERATURE
TEMPERATURE EFFECTS
THERMAL DEGRADATION
THERMAL STABILITY

TEMPERATURE DIFFERENCES
USE TEMPERATURE GRADIENTS

TEMPERATURE DISTRIBUTION
1408 2003 2204 2502 3303 3501
UF TEMPERATURE FIELDS
GS DISTRIBUTION (PROPERTY)
#TEMPERATURE DISTRIBUTION
RT AIR CONDITIONING
COOLING
COOLING SYSTEMS
ENVIRONMENTAL ENGINEERING
FIELD THEORY (PHYSICS)
HEAT TREATMENT
HEATING
ISOTHERMAL FLOW
ISOTHERMAL LAYERS
ISOTHERMS
OCEAN TEMPERATURE
REFRIGERATING
SATELLITE TEMPERATURE
TEMPERATURE
THERMAL MAPPING
THERMAL RESOURCES
THERMAL SHOCK
THERMAL STRESSES
THERMOGRAPHY
VENTILATION
VERTICAL DISTRIBUTION
WATER TEMPERATURE

TEMPERATURE EFFECTS
0101 0404 0603 1002 1308 1704 2003
2311
UF HEAT EFFECTS
PHOTOTHERMOTROPISM
RICHARDSON-DUSHMAN EQUATION
THERMAL EFFECTS
THERMOTROPISM
RT ABLATION
ABSOLUTE ZERO
CHEMICAL EFFECTS
% EFFECTS
ETTINGSHAUSEN EFFECT

GLASS TRANSITION TEMPERATURE
HEAT AFFECTED ZONE
JET BLAST EFFECTS
MAGNETIC EFFECTS
NERNST-ETTINGSHAUSEN EFFECT
PELTIER EFFECTS
PRESSURE EFFECTS
% RADIATION
REENTRY EFFECTS
SEEBECK EFFECT
SHAPE MEMORY ALLOYS
SOLAR GRANULATION
STERILIZATION EFFECTS
TEMPERATURE
TEMPERATURE DEPENDENCE
THERMAL BUCKLING
THERMAL DEGRADATION
THERMAL DISSOCIATION
THERMAL RESISTANCE
THERMAL STRESSES
THERMOGRAVIMETRY
THERMOLUMINESCENCE
THERMOPHORESIS
THERMOPLASTICITY
TIME TEMPERATURE PARAMETER

TEMPERATURE FIELDS
USE TEMPERATURE DISTRIBUTION

TEMPERATURE GRADIENTS
1408 2003 3303 3304 3501
UF TEMPERATURE DIFFERENCES
GS GRADIENTS
#TEMPERATURE GRADIENTS
..THERMOCLINES
RT ATMOSPHERIC TEMPERATURE
BATHYTHERMOGRAPHS
CHAPMAN-ENSKOG THEORY
CONVECTIVE HEAT TRANSFER
ISOTHERMAL LAYERS
ISOTHERMS
NONISOTHERMAL PROCESSES
OCEAN TEMPERATURE
POTENTIAL GRADIENTS
STRATIFICATION
TEMPERATURE
THERMAL ANALYSIS
THERMAL MAPPING
THERMOMIGRATION
THERMOPHORESIS

TEMPERATURE INDICATORS
USE INDICATING INSTRUMENTS
TEMPERATURE MEASURING INSTRUMENTS

TEMPERATURE INSTRUMENTS
USE TEMPERATURE MEASURING INSTRUMENTS

TEMPERATURE INVERSIONS
0408 1505 1704 2311 3203
GS INVERSIONS
#TEMPERATURE INVERSIONS
..CENTRIFUGING STRESS
RT AIR POLLUTION
ATMOSPHERIC TEMPERATURE
BENDING
BIREFRINGENCE
BUCKLING
CRACKING (FRACTURING)
CRACKS
CREEP PROPERTIES
DEFLECTION
DEFORMATION
DISPLACEMENT
DISTORTION
FAILURE
FATIGUE (MATERIALS)
INTERNAL PRESSURE
LAPSE RATE
MECHANICAL PROPERTIES
METEOROLOGICAL PARAMETERS
METEOROLOGY
PHOTOELASTIC ANALYSIS
PLASTIC DEFORMATION
PRESSURE
PRESSURE EFFECTS
RESIDUAL STRESS
SAINT VENANT PRINCIPLE
SHEAR PROPERTIES
SHRINKAGE
STRAIN GAGES
STRAIN HARDENING
STRAIN RATE
STRESS ANALYSIS
STRESS RELAXATION
STRESS WAVES
STRESSES
STRUCTURAL STRAIN
TEMPERATURE
TENSILE DEFORMATION
% TENSION
TEPHIGRAMS
TORSION
VOLUMETRIC STRAIN
X RAY STRESS ANALYSIS
YIELD STRENGTH

TEMPERATURE MEASUREMENT
1408 2003 3501
UF PYROMETRY
THERMOMETRY
RT ANOMALOUS TEMPERATURE ZONES
BOLOMETERS
BRIGHTNESS TEMPERATURE
CRAYONS
GAS TEMPERATURE
HIGH TEMPERATURE
IN SITU MEASUREMENT
% MEASUREMENT
NOISE TEMPERATURE
NONINTRUSIVE MEASUREMENT
PYROMETERS
RADIATION PYROMETERS
RESISTANCE THERMOMETERS
SATELLITE TEMPERATURE
SODAR
SOUND DETECTING AND RANGING
TEMPERATURE
THERMOCOUPLE PYROMETERS
THERMOCOUPLES
THERMOGRAPHY
THERMOMETERS
WIND TUNNEL CALIBRATION

TEMPERATURE MEASURING INSTRUMENTS
1408 3501
UF TEMPERATURE INDICATORS
TEMPERATURE INSTRUMENTS
THERMOGRAMS
GS MEASURING INSTRUMENTS
#TEMPERATURE MEASURING INSTRUMENTS
..BATHYTHERMOGRAPHS
..OPTICAL PYROMETERS
..PNEUMATIC PROBES
..PYROMETERS
...RADIATION PYROMETERS
...THERMOCOUPLE PYROMETERS
..TEMPERATURE PROBES
..THERMOMETERS
...RESISTANCE THERMOMETERS
RT ANOMALOUS TEMPERATURE ZONES
BOLOMETERS
BOMB CALORIMETERS
CALORIMETERS
DROP CALORIMETERS
FLAME CALORIMETERS
FLAME PROBES
TEMPERATURE
THERMISTORS
THERMOCOUPLES
THERMOPILES
THERMOSTATS
TRANSDUCERS

TEMPERATURE PROBES

1408 1409 2003 3304 3501
GS MEASURING INSTRUMENTS
.TEMPERATURE MEASURING INSTRUMENTS
.#TEMPERATURE PROBES
RT TEMPERATURE
THERMOCOUPLES

TEMPERATURE PROFILES
1408 3303 3304 3501
RT HEAT TRANSFER
TEMPERATURE
THERMAL ANALYSIS

TEMPERATURE RATIO
3408
RT DATA CORRELATION
HEAT TRANSFER
RATIOS
TEMPERATURE

TEMPERATURE SCALES
1408
UF FAHRENHEIT TEMPERATURE SCALE
INTERNATIONAL PRACTICAL TEMPERATURE
RT ABSOLUTE ZERO
ANOMALOUS TEMPERATURE ZONES
CALIBRATING
% SCALE
STANDARDS
TEMPERATURE
THERMOMETERS

TEMPERATURE SENSORS
1408 1413 3501
GS #TEMPERATURE SENSORS
.THERMISTORS
RT ANOMALOUS TEMPERATURE ZONES
TEMPERATURE

TEMPERING
1704 3203 3303 3501
GS HEAT TREATMENT
#TEMPERING
RT ANNEALING
% DRAWING
HARDENING (MATERIALS)
LASER ANNEALING
METAL WORKING
NORMALIZING (HEAT TREATMENT)
STRESS RELIEVING
STRETCHING

TEMPLATES
1504
RT LOFTING
MOLDS
% PATTERNS

TEMPORAL DISTRIBUTION
1502
RT ANNUAL VARIATIONS
SPATIAL DISTRIBUTION
TELECONNECTIONS (METEOROLOGY)
TIME DEPENDENCE
% TIME RESPONSE

TEMPORAL RESOLUTION
1406 3501
UF MULTITEMPORAL ANALYSIS
GS RESOLUTION
#TEMPORAL RESOLUTION
RT SPATIAL RESOLUTION

TENDENCIES
3408
RT % INCLINATION

TENDONS
0404
GS ANATOMY
.MUSCULOSKELETAL SYSTEM
..MUSCLES
..#TENDONS
RT CONNECTIVE TISSUE
FIBROBLASTS

TENITE
1808
RT CELLULOSE
MOLDING MATERIALS

TENMA SATELLITE
1901 3009 3107
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
..ASTRONOMICAL SATELLITES
..#TENMA SATELLITE
JAPANESE SPACECRAFT
#TENMA SATELLITE
OBSERVATORIES
.ASTRONOMICAL OBSERVATORIES
..ASTRONOMICAL SATELLITES
..#TENMA SATELLITE
RT JAPANESE SPACE PROGRAM
X RAY ASTRONOMY
X RAY SPECTRA
X RAY STARS

TENNESSEE
1305
GS NATIONS
.UNITED STATES
.#TENNESSEE
RT GREAT SMOKY MOUNTAINS (NC-TN)
TENNESSEE VALLEY (AL-KY-TN)

TENNESSEE VALLEY (AL-KY-TN)
1305 1306
GS VALLEYS
#TENNESSEE VALLEY (AL-KY-TN)
RT ALABAMA
KENTUCKY
TENNESSEE

TENSILE CREEP
2308 3203
GS MECHANICAL PROPERTIES
.CREEP PROPERTIES
.#TENSILE CREEP
RT PLASTIC DEFORMATION
SHEAR CREEP

TENSILE DEFORMATION
3203 3204
GS DEFORMATION
#TENSILE DEFORMATION
RT ELASTIC DEFORMATION
ELONGATION
PLASTIC DEFORMATION
TEMPERATURE INVERSIONS

TENSILE PROPERTIES
3408
GS MECHANICAL PROPERTIES
#TENSILE PROPERTIES
..TENSILE STRENGTH
RT ELASTIC PROPERTIES
HIGH STRENGTH ALLOYS
% PROPERTIES

TENSILE STRENGTH
1701 1704 2308 3203
GS MECHANICAL PROPERTIES
.TENSILE PROPERTIES
.#TENSILE STRENGTH
RT DUCTILITY
ELASTIC PROPERTIES
ELONGATION
FIBER STRENGTH
HIGH STRENGTH
HYSTERESIS
LOAD CARRYING CAPACITY
POISSON RATIO
RESIDUAL STRENGTH
RESILIENCE

```
      SHEAR STRENGTH
    % STRENGTH
      TOUGHNESS

TENSILE STRESS
  2308 3203
  GS  STRESSES
      #TENSILE STRESS
  RT  AXIAL STRESS
      HIGH STRENGTH
      HOOPS
      INTERFACIAL TENSION
      STRESS INTENSITY FACTORS
    % TENSION
      TRIAXIAL STRESSES

TENSILE TESTS
  1108 1504 3203 3501
  RT  DESTRUCTIVE TESTS
      FATIGUE TESTS
      LOAD TESTS
      SPECIMEN GEOMETRY
      STATIC TESTS
    % TESTS

TENSIOMETERS
  1406 3203
  GS  MEASURING INSTRUMENTS
      #TENSIOMETERS
  RT  CABLE FORCE RECORDERS
      MECHANICAL MEASUREMENT

% TENSION
  0408 1505 1704 2311 3203
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  BLOOD PRESSURE
      INTERFACIAL TENSION
      PARTIAL PRESSURE
      STRETCHING
      TEMPERATURE INVERSIONS
      TENSILE STRESS

TENSOMETERS
  0905 2307 2402 3203
  GS  MEASURING INSTRUMENTS
      #TENSOMETERS
  RT  DEFORMETERS
      EXTENSOMETERS
      STRAIN GAGES
      STRESS MEASUREMENT
      WEIGHT INDICATORS

TENSOR ANALYSIS
  1902 2308 2311
  GS  GEOMETRY
      .DIFFERENTIAL GEOMETRY
      .#TENSOR ANALYSIS
  RT  RELATIVITY
      SCALARS
      SCALERS
      TENSORS

TENSOR FIELDS
  USE TENSORS

TENSORS
  1902 2311
  UF  TENSOR FIELDS
      TRANSFORMATION TENSORS
  GS  ALGEBRA
      #TENSORS
      ..STRESS TENSORS
  RT  FIELD THEORY (PHYSICS)
      JORDAN FORM
      SCALARS
      TENSOR ANALYSIS

TEPHIGRAMS
  1203 1408 2001 2003
  GS  DIAGRAMS
      #TEPHIGRAMS
  RT  ATMOSPHERIC TURBULENCE
      ENTROPY
      LAPSE RATE
      TEMPERATURE
      TEMPERATURE INVERSIONS
      THERMODYNAMIC PROPERTIES

TERBIUM
  0603 1703
  GS  CHEMICAL ELEMENTS
      .RARE EARTH ELEMENTS
      .#TERBIUM
      ...TERBIUM ISOTOPES
      METALS
      .RARE EARTH ELEMENTS
      .#TERBIUM
      ...TERBIUM ISOTOPES
  RT  TERBIUM COMPOUNDS

TERBIUM COMPOUNDS
  0603 1703
  GS  RARE EARTH COMPOUNDS
      #TERBIUM COMPOUNDS
  RT  TERBIUM

TERBIUM ISOTOPES
  0603 1703 2406
  UF  TERBIUM 155
      TERBIUM 161
  GS  CHEMICAL ELEMENTS
      .NUCLIDES
      ..ISOTOPES
      ..#TERBIUM ISOTOPES
      .RARE EARTH ELEMENTS
      ..TERBIUM
      ..#TERBIUM ISOTOPES
      METALS
      .RARE EARTH ELEMENTS
      ..TERBIUM
      ..#TERBIUM ISOTOPES

TERBIUM 155
  USE TERBIUM ISOTOPES

TERBIUM 161
  USE TERBIUM ISOTOPES

TERCOM
  1402 2102 2103 2104
  UF  TERRAIN CONTOUR MATCHING
      NAVIGATION SYSTEM
  GS  NAVIGATION AIDS
      #TERCOM
      ONBOARD EQUIPMENT
      .AIRBORNE EQUIPMENT
      .#TERCOM
      .AIRCRAFT EQUIPMENT
      .#TERCOM
  RT  DISPLAY DEVICES
      FLIGHT INSTRUMENTS
      MAP MATCHING GUIDANCE
      NAVIGATION INSTRUMENTS
    % SYSTEMS
      VIDEO LANDMARK ACQUISITION AND
      TRACKING

TEREPHTHALATE
  1808 1810
  GS  #TEREPHTHALATE
      .POLYETHYLENE TEREPHTHALATE
  RT  CARBOXYLIC ACIDS
      DICARBOXYLIC ACIDS

TERMINAL AREA ENERGY MANAGEMENT
  3103
  GS  MANAGEMENT
      #TERMINAL AREA ENERGY MANAGEMENT
  RT  DIGITAL TECHNIQUES
      SPACE SHUTTLE ORBITERS
      SPACE TRANSPORTATION
      SPACECRAFT LANDING
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TERMINAL BALLISTICS
  2311 3401
  UF   PENETRATION BALLISTICS
       PROJECTILE PENETRATION
       TARGET PENETRATION
  GS   BALLISTICS
       #TERMINAL BALLISTICS
  RT   ENERGY TRANSFER
       FRAGMENTATION
       MISSILES
       PENETRATION
       PRECISION GUIDED PROJECTILES
       PROJECTILES

TERMINAL CONFIGURED VEHICLE PROGRAM
  0201
  UF   TCV PROGRAM
  GS   PROGRAMS
       .NASA PROGRAMS
       .#TERMINAL CONFIGURED VEHICLE
         PROGRAM
  RT   AIRCRAFT DESIGN
       AUTOMATIC CONTROL
       AUTOMATIC FLIGHT CONTROL
       AUTOMATIC LANDING CONTROL
       ELECTRONIC CONTROL
       FEEDBACK CONTROL
     % VEHICLES

TERMINAL FACILITIES
  1102
  GS  #TERMINAL FACILITIES
       .SHIP TERMINALS
  RT   ARTIFICIAL HARBORS
       DEEPWATER TERMINALS
     % FACILITIES
       HARBORS
       OFFSHORE DOCKING
       OFFSHORE PLATFORMS
       SITE SELECTION
       TANKER TERMINALS
     % TERMINALS
       TRANSPORTATION
       WHARVES

TERMINAL GUIDANCE
  0802 2102 2103 3101
  GS   GUIDANCE (MOTION)
       #TERMINAL GUIDANCE
       ..LASER GUIDANCE
  RT   COMMAND GUIDANCE
       DESCENT TRAJECTORIES
       ENTRY GUIDANCE (STS)
       GLIDE PATHS
       HOMING
       INERTIAL GUIDANCE
       MIDCOURSE GUIDANCE
       REENTRY
       REENTRY GUIDANCE
       REENTRY TRAJECTORIES
       REENTRY VEHICLES
       RENDEZVOUS GUIDANCE
       SPACECRAFT GUIDANCE

TERMINAL VELOCITY
  2311 3009
  GS   RATES (PER TIME)
       #TERMINAL VELOCITY
       VELOCITY
       #TERMINAL VELOCITY
  RT   GRAVITATION

% TERMINALS
  0202 0303 0404 0507 0904 1504 2311
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CONNECTORS
       DATA PROCESSING TERMINALS
       ELECTRIC TERMINALS
     % HEADERS
       JUMPERS
       OUTLETS
       SHIP TERMINALS
       TERMINAL FACILITIES

TERMINATING
  USE  STOPPING

TERMINATOR LINES
  2306 3001
  RT % LINES
       LUNAR PHASES
     % PHASES
       SUNRISE
       SUNSET

TERMINOLOGY
  3405
  RT   DICTIONARIES
       NOMENCLATURES
       THESAURI
       WORDS (LANGUAGE)

TERMS
  3402 3405 3406 3408
  RT   INFORMATION THEORY
       THESAURI

TERNARY ALLOYS
  1701 1704
  GS   ALLOYS
       #TERNARY ALLOYS
       ..ASTROLOY (TRADEMARK)
  RT   ALLOYING

TERNARY SYSTEMS
  0603 0802 1701 1902 2405 2601
  RT   ALLOYS
       BINARY SYSTEMS (MATERIALS)
       SOLID SOLUTIONS
     % SYSTEMS

TERNARY SYSTEMS (DIGITAL)
  USE  DIGITAL SYSTEMS

TERPENES
  1808
  GS  #TERPENES
       .AZULENE
       .CAMPHOR
       .MECAMYLAMINE
       .MENTHOL
       .TURPENTINE
  RT   ALIPHATIC HYDROCARBONS
       ALKENES

TERPHENYLS
  1808 2403
  GS   PHENYLS
       #TERPHENYLS

TERRACES (LANDFORMS)
  1305 1306
  GS   LANDFORMS
       #TERRACES (LANDFORMS)
       ..PLATEAUS
       ...ALLEGHENY PLATEAU (US)
       ...COLORADO PLATEAU (US)
       ...MESAS
       ....BUTTES
       ...PIEDMONTS
       ....CENTRAL PIEDMONT (US)
  RT   FORMATIONS
       MOUNTAINS

TERRADYNAMICS
  1308
  RT % DYNAMICS
       EARTH SURFACE
       GEODYNAMICS
       PROJECTILES
       SEA FLOOR SPREADING

TERRAFORMING
```

1105 3109
RT ENVIRONMENTAL ENGINEERING
EXOBIOLOGY
LUNAR BASES
LUNAR ENVIRONMENT
MANNED MARS MISSIONS
MARS (PLANET)
MARS ENVIRONMENT
MARS SURFACE
MOON
PLANETARY ATMOSPHERES
PLANETARY ENVIRONMENTS
SPACE COLONIES
SPACE HABITATS
VENUS SURFACE

TERRAIN
1305 1306 3009
UF LANDSCAPE
GS TOPOGRAPHY
#TERRAIN
RT GEOMORPHOLOGY
LANDFORMS
LANDMARKS

TERRAIN ANALYSIS
1303 1304 1305 3009
UF SATAN (SENSOR)
RT % ANALYZING
CHANGE DETECTION
EARTH RESOURCES
EROS (SATELLITES)
GEOGRAPHIC APPLICATIONS PROGRAM
HOLOGRAMMETRY
MAPPING
NAP-OF-THE-EARTH NAVIGATION
PHOTOGRAMMETRY
RECONNAISSANCE
SATELLITE SURFACES
SOIL MAPPING
VIDEO LANDMARK ACQUISITION AND TRACKING

TERRAIN CONTOUR MATCHING NAVIGATION SYSTEM
USE TERCOM

TERRAIN FOLLOWING AIRCRAFT
0201 0207 2103
GS #TERRAIN FOLLOWING AIRCRAFT
.TSR-2 AIRCRAFT
RT AH-1G HELICOPTER
AH-63 HELICOPTER
AH-64 HELICOPTER
% AIRCRAFT
ATTACK AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
% MILITARY AIRCRAFT
NAP-OF-THE-EARTH NAVIGATION
OBSERVATION AIRCRAFT
% SUBSONIC AIRCRAFT
UTILITY AIRCRAFT

TERRESTRIAL DUST BELT
1301 1302 2003
GS PARTICLES
.DUST
.#TERRESTRIAL DUST BELT
RT % BELTS
COSMIC DUST
GEGENSCHEIN
METEOROID DUST CLOUDS
MICROMETEOROIDS
ZODIACAL DUST

TERRESTRIAL MAGNETISM
USE GEOMAGNETISM

TERRESTRIAL PLANETS
3001
GS CELESTIAL BODIES
.PLANETS
.#TERRESTRIAL PLANETS
...EARTH (PLANET)
...MARS (PLANET)
...MERCURY (PLANET)
...VENUS (PLANET)
RT CELESTIAL MECHANICS
MERCURY SURFACE
PLANETARY ENVIRONMENTS
PLANETOLOGY
SOLAR SYSTEM

TERRESTRIAL RADIATION
1306 2402 2903
SN (EXCLUDES ATMOSPHERIC RADIATION AND REFLECTED VISIBLE LIGHT)
UF EARTH RADIATION
GS ELECTROMAGNETIC RADIATION
#TERRESTRIAL RADIATION
RT ATMOSPHERIC RADIATION
EARTH (PLANET)
EARTH ALBEDO
EARTH RADIATION BUDGET
EARTH RADIATION BUDGET EXPERIMENT
EXTRATERRESTRIAL RADIATION
FAR INFRARED RADIATION
GREENHOUSE EFFECT
INFRARED RADIATION
NEAR INFRARED RADIATION
PLANETARY RADIATION
% RADIATION
TROPOSPHERIC RADIATION

TERRIER MISSILE
3101 3401
GS MISSILES
.ANTIAIRCRAFT MISSILES
.#TERRIER MISSILE
.SURFACE TO AIR MISSILES
.#TERRIER MISSILE
RT BUMBLEBEE PROJECT
MULTISTAGE ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

TERTIARY PERIOD
1306
GS CENOZOIC ERA
#TERTIARY PERIOD
RT CRETACEOUS PERIOD
CRETACEOUS-TERTIARY BOUNDARY
GEOCHRONOLOGY
PALEONTOLOGY

TESSERAL HARMONICS
1307 1904 2301 2312 3006
GS ANALYSIS (MATHEMATICS)
.FUNCTIONAL ANALYSIS
..HARMONIC ANALYSIS
..#TESSERAL HARMONICS
HARMONICS
#TESSERAL HARMONICS
RT SATELLITE PERTURBATION

TEST BEDS
USE TEST STANDS

TEST CHAMBERS
0504 0507 1106 1107 1108 3501
UF ENVIRONMENTAL CHAMBERS
GS COMPARTMENTS
#TEST CHAMBERS
..ANECHOIC CHAMBERS
..PRESSURE CHAMBERS
...HYPERBARIC CHAMBERS
...VACUUM CHAMBERS
..REVERBERATION CHAMBERS
RT % CAPSULES
% CHAMBERS
CRYOGENIC WIND TUNNELS
ENVIRONMENT MODELS
ENVIRONMENT SIMULATORS
ENVIRONMENTAL CONTROL
ENVIRONMENTAL LABORATORIES
ENVIRONMENTAL TESTS

```
      THERMAL VACUUM TESTS
      VACUUM TESTS
      WIND TUNNELS

% TEST EQUIPMENT
  1106 1108 1110 1504 3404 3501
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  UF   CHECKOUT EQUIPMENT
       TESTERS
       TESTING MACHINES
  RT   ANALYZERS
       ASTRIONICS
       AUTOMATIC TEST EQUIPMENT
       AVIONICS
     % CAPSULES
       CEFOAM CHECKOUT EQUIPMENT
       CENTRIFUGES
       CHECKOUT
       DYNAMOMETERS
       EARTH TERMINAL MEASUREMENT SYSTEM
       ELECTRONIC EQUIPMENT TESTS
     % EQUIPMENT
       FATIGUE TESTING MACHINES
       FREE FLIGHT TEST APPARATUS
       FREQUENCY ANALYZERS
       GEOPHYSICAL FLUID FLOW CELLS
       GROUND SUPPORT EQUIPMENT
       HYPERSONIC TEST APPARATUS
       IMPACT TESTING MACHINES
       LOAD TESTING MACHINES
       MEASURING INSTRUMENTS
       MONOSCOPES
       ONBOARD EQUIPMENT
       ROCKET PROPELLED SLEDS
       SAMPLERS
       SIMULATORS
       SUPERSONIC TEST APPARATUS
       TEST FACILITIES
       TEST PATTERN GENERATORS
       TEST STANDS
       WIND TUNNEL MODELS
       WIND TUNNELS

TEST FACILITIES
  1108 1110 3501
  GS  #TEST FACILITIES
       .ANECHOIC CHAMBERS
       .CENTRAL ATLANTIC REGIONAL ECOL
        TEST SITE
       .ENGINE TESTING LABORATORIES
       .ENVIRONMENTAL LABORATORIES
       .HYDRAULIC TEST TUNNELS
       .REVERBERATION CHAMBERS
       .ROCKET TEST FACILITIES
       .TEST RANGES
       ..BALLISTIC RANGES
       ..MISSILE RANGES
       .TEST STANDS
       .TRANSIENT REACTOR TEST FACILITY
       .WIND TUNNELS
       ..BLOWDOWN WIND TUNNELS
       ..COMBUSTION WIND TUNNELS
       ..CRYOGENIC WIND TUNNELS
       ..HYPERSONIC WIND TUNNELS
       ...CASCADE WIND TUNNELS
       ...HOTSHOT WIND TUNNELS
       ...PLASMA JET WIND TUNNELS
       ...SHOCK TUNNELS
       ..HYPERVELOCITY WIND TUNNELS
       ...CASCADE WIND TUNNELS
       ...HOTSHOT WIND TUNNELS
       ...PLASMA JET WIND TUNNELS
       ...SHOCK TUNNELS
       ..LOW DENSITY WIND TUNNELS
       ..LOW SPEED WIND TUNNELS
       ...SUBSONIC WIND TUNNELS
       ..RECTANGULAR WIND TUNNELS
       ..SLOTTED WIND TUNNELS
       ..SUPERSONIC WIND TUNNELS
       ..TRANSONIC WIND TUNNELS
       ..TRISONIC WIND TUNNELS
  RT   ARIZONA REGIONAL ECOLOGICAL TEST
       SITE
     % FACILITIES
       FLIGHT SIMULATORS
       LABORATORIES
       MODELS
       MOTION SIMULATORS
       RESEARCH FACILITIES
       SHOCK TUBES
       SIMULATORS
       SOLAR SIMULATORS
       SPACECRAFT CABIN SIMULATORS
     % TEST EQUIPMENT
     % TESTS

TEST FIRING
  1108 3301 3501
  GS   FIRING (IGNITING)
       #TEST FIRING
       ..STATIC FIRING
  RT   ENGINE TESTS
       FUEL TESTS
       GROUND TESTS
       MISSILE TESTS
       PREFIRING TESTS
       PRELAUNCH TESTS
       ROCKET FIRING
       ROCKET TEST FACILITIES
       STATIC TESTS
     % TESTS

TEST PATTERN GENERATORS
  0602
  RT % FAULTS
     % GENERATORS
     % PATTERNS
     % TEST EQUIPMENT

TEST PILOTS
  0201 0502 1108 3401 3501
  GS   PERSONNEL
       .FLYING PERSONNEL
       ..PILOTS (PERSONNEL)
       ...AIRCRAFT PILOTS
       ...#TEST PILOTS
       .OPERATORS (PERSONNEL)
       ..PILOTS (PERSONNEL)
       ...AIRCRAFT PILOTS
       ...#TEST PILOTS
  RT % PILOTS

TEST RANGES
  1108 3501
  GS   RANGES (FACILITIES)
       #TEST RANGES
       ..BALLISTIC RANGES
       ..MISSILE RANGES
       TEST FACILITIES
       #TEST RANGES
       ..BALLISTIC RANGES
       ..MISSILE RANGES
  RT   DOWNRANGE
       DOWNRANGE MEASUREMENT
       RANGE SAFETY
       ROCKET TEST FACILITIES

TEST STANDS
  1106 1108 1504 3501
  UF   TEST BEDS
  GS   TEST FACILITIES
       #TEST STANDS
  RT   ENGINE TESTS
       FLAME DEFLECTORS
       PREFIRING TESTS
       PRELAUNCH TESTS
       ROCKET TEST FACILITIES
     % TEST EQUIPMENT

TEST VEHICLES
  0201 1108 3110 3501
  GS  #TEST VEHICLES
       .FLIGHT TEST VEHICLES
```

RT % AIRCRAFT
ALTITUDE TESTS
% BALLISTIC VEHICLES
% CAPSULES
ELECTRIC MOTOR VEHICLES
HIGH ALTITUDE TESTS
HYPERSONIC VEHICLES
LAUNCH VEHICLES
MISSILE TESTS
MISSILES
REENTRY VEHICLES
RESEARCH AIRCRAFT
ROCKET VEHICLES
% SPACECRAFT
% TESTS
TOWED BODIES
% VEHICLES

TESTERS
USE TEST EQUIPMENT

TESTES
0404 0405 0408
GS ANATOMY
.GENITOURINARY SYSTEM
..REPRODUCTIVE SYSTEMS
...SEX GLANDS
....GONADS
....#TESTES
.GLANDS (ANATOMY)
..ENDOCRINE GLANDS
...GONADS
...#TESTES
..SEX GLANDS
...GONADS
...#TESTES

TESTING
USE TESTS

TESTING MACHINES
USE TEST EQUIPMENT

TESTING TIME
1108 1406
GS TIME
#TESTING TIME
RT BURNING TIME
ENGINE TESTS
FATIGUE TESTS
FLIGHT TIME
% TESTS
TURNAROUND (STS)
WINDOWS (INTERVALS)

% TESTS
1108 1505 3406 3501
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF PRETESTS
TESTING
RT ACCELERATED LIFE TESTS
ACCEPTABILITY
ACCURACY
ADHESION TESTS
ALTITUDE TESTS
APPROACH AND LANDING TESTS (STS)
BEND TESTS
CAPTIVE TESTS
CHECKOUT
CHEMICAL ANALYSIS
CHEMICAL TESTS
COLD FLOW TESTS
COLD WEATHER TESTS
COMPRESSION TESTS
COMPUTATIONAL CHEMISTRY
CONFIDENCE LIMITS
CORROSION TEST LOOPS
CORROSION TESTS
CREEP TESTS
CREW PROCEDURES (INFLIGHT)
CREW PROCEDURES (PREFLIGHT)
DAMPING TESTS
DESTRUCTIVE TESTS
DROP TESTS
DYNAMIC TESTS
EDUCATION
ELECTRIC EQUIPMENT TESTS
ELECTRONIC EQUIPMENT TESTS
EMPLOYMENT
ENGINE TESTS
ENVIRONMENTAL TESTS
ERRORS
EVALUATION
EXAMINATION
EXTRAPOLATION
FATIGUE TESTS
FLIGHT STABILITY TESTS
FLIGHT TESTS
FUEL TESTS
FULL SCALE TESTS
GROUND TESTS
HARDNESS TESTS
HIGH ALTITUDE TESTS
HIGH TEMPERATURE TESTS
IMPACT TESTS
INTELLIGENCE TESTS
LABORATORIES
LOAD TESTS
LOW TEMPERATURE TESTS
LUBRICANT TESTS
% MATERIALS TESTS
MEDIAN (STATISTICS)
MISSILE TESTS
NONDESTRUCTIVE TESTS
NOTCH TESTS
ORBITAL SPACE TESTS
PATCH TESTS
PERFORMANCE TESTS
PERSONALITY TESTS
PHYSIOLOGICAL TESTS
PREFIRING TESTS
PREFLIGHT ANALYSIS
PRELAUNCH TESTS
PROGRAM VERIFICATION (COMPUTERS)
PROPELLANT TESTS
PROVING
PSYCHOLOGICAL TESTS
QUALIFICATIONS
QUALITY
QUALITY CONTROL
RAILROAD HUMPING TESTS
RANK TESTS
REACTOR STARTUP TESTS
RECORDS
RELIABILITY
RESONANCE TESTING
RORSCHACH TESTS
SALT SPRAY TESTS
SAMPLING
SELECTION
SELF TESTS
SHOCK TESTS
SNELLEN TESTS
SPACE ELECTRIC ROCKET TESTS
SPACE TRANSPORTATION SYSTEM FLIGHTS
SPACE VEHICLE CHECKOUT PROGRAM
SPIN TESTS
STABILITY TESTS
STATIC TESTS
STATISTICAL TESTS
STROKING TESTS
TASKS
TENSILE TESTS
TEST FACILITIES
TEST FIRING
TEST VEHICLES
TESTING TIME
THERMAL CYCLING TESTS
THERMAL VACUUM TESTS
ULTRASONIC TESTS
VACUUM TESTS
VIBRATION TESTS
WATER TUNNEL TESTS

WEAR TESTS
WELD TESTS
WIND TUNNEL STABILITY TESTS
WIND TUNNEL TESTS
WING FLOW METHOD TESTS
X RAY INSPECTION

TETHERED BALLOONS
0205
UF KITE BALLOONS
GS EXPANDABLE STRUCTURES
.INFLATABLE STRUCTURES
..BALLOONS
..#TETHERED BALLOONS
RT METEOROLOGICAL BALLOONS
REELS

TETHERED SATELLITES
3107
GS ARTIFICIAL SATELLITES
#TETHERED SATELLITES
RT REELS

TETHERING
3104 3109
RT ORBITAL RENDEZVOUS
REELS
TETHERLINES

TETHERLINES
3104 3109
RT ANCHORS (FASTENERS)
% CABLES
% LINES
TETHERING
UMBILICAL CONNECTORS

TETHYS
3008
GS CELESTIAL BODIES
.NATURAL SATELLITES
..ICY SATELLITES
..#TETHYS
..SATURN SATELLITES
..#TETHYS
RT SATURN (PLANET)

TETRABUTYLS
0603 1808
GS ALKYL COMPOUNDS
#TETRABUTYLS
RT DIBUTYL COMPOUNDS
ORGANOMETALLIC COMPOUNDS

TETRACHLORIDES
1808
GS HALOGEN COMPOUNDS
.CHLORINE COMPOUNDS
..CHLORIDES
..#TETRACHLORIDES
.HALIDES
..CHLORIDES
..#TETRACHLORIDES

TETRACHLOROMETHANE
USE CARBON TETRACHLORIDE

TETRACYCLINES
0603 1808
GS DRUGS
.ANTIBIOTICS
.#TETRACYCLINES
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#TETRACYCLINES

TETRAD THEORY
0404 0406
RT CHROMOSOMES
MIOSIS
SPORES
% THEORIES

TETRAETHYL ORTHOCARBONATES
0603 1808
GS CARBON COMPOUNDS
.CARBONATES
.#TETRAETHYL ORTHOCARBONATES

TETRAETHYL ORTHOSILICATE
0603
GS ADHESIVES
#TETRAETHYL ORTHOSILICATE
RT ETHYL COMPOUNDS
GLUES
SILICATES

TETRAFLUOROHYDRAZINE
1808
GS AMINES
#TETRAFLUOROHYDRAZINE
HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORO COMPOUNDS
..#TETRAFLUOROHYDRAZINE
HYDRAZINES
#TETRAFLUOROHYDRAZINE
RT ROCKET OXIDIZERS

TETRAGONS
1902 2601 3203
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..POLYGONS
..#TETRAGONS
....PARALLELOGRAMS
.....RHOMBOIDS
....RECTANGLES
....SQUARES (MATHEMATICS)
....TRAPEZOIDS

TETRAHEDRONS
1902 3203
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..POLYHEDRONS
..#TETRAHEDRONS
RT TRIANGLES

TETRAHYDROFURAN
1701
UF BUTYLENE OXIDES
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...FURANS
...#TETRAHYDROFURAN
SOLVENTS
#TETRAHYDROFURAN
RT ADDITIVES
% CHEMICAL COMPOUNDS
PLASTICS
POLYVINYL CHLORIDE

TETRANITROTETRAZACYCLOOCTANE
USE HMX

TETRAPHENYLS
1808
GS PHENYLS
.POLYPHENYLS
.#TETRAPHENYLS

TETRAZOLES
1808
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#TETRAZOLES

TETRODES
0903 0905 1002
RT ELECTRON TUBES
PENTODES

SEMICONDUCTOR DEVICES
TRANSISTORS
TRIODES

TETROONS
USE SUPERPRESSURE BALLOONS

TETRYL
0603 1808
GS AMINES
#TETRYL
EXPLOSIVES
#TETRYL
NITROGEN COMPOUNDS
.NITRO COMPOUNDS
.#TETRYL
PROPELLANTS
#TETRYL

TEXAS
1305
GS NATIONS
.UNITED STATES
.#TEXAS
RT GULF OF MEXICO
HOUSTON (TX)
LAKE TEXOMA (OK-TX)
RIO GRANDE (NORTH AMERICA)

TEXTBOOKS
0502 3405
GS DOCUMENTS
#TEXTBOOKS
RT EDUCATION
HANDBOOKS
KNOWLEDGE
LEARNING
LIBRARIES
MANUALS
SUBJECTS

TEXTILES
1811
GS #TEXTILES
.COTTON FIBERS
.LINEN
.RAYON
RT CLOTHING
COTTON
FABRICS
FIBERS
VAPOR BARRIER CLOTHING
WET SPINNING

TEXTS
0803 3405
GS DOCUMENTS
#TEXTS
RT FORMAT
RECORDS

TEXTURES
3403 3408
RT CURL (MATERIALS)
FINENESS
MECHANICAL PROPERTIES
POROSITY
SURFACE PROPERTIES

TF-30 ENGINE
0202 2801 2805
GS AIRCRAFT ENGINES
#TF-30 ENGINE
ENGINES
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOFAN ENGINES
.....#TF-30 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOFAN ENGINES
.....#TF-30 ENGINE

TF-34 ENGINE
0202 2801 2805
GS AIRCRAFT ENGINES
#TF-34 ENGINE
RT CONVERTIBLE FAN-SHAFT ENGINES

TF-41 ENGINE
0301
GS AIRCRAFT ENGINES
#TF-41 ENGINE
ENGINES
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOFAN ENGINES
.....#TF-41 ENGINE
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOFAN ENGINES
.....#TF-41 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
.....TURBOFAN ENGINES
.....#TF-41 ENGINE

TFX AIRCRAFT
USE F-111 AIRCRAFT

TH-55 HELICOPTER
0206 0207
GS HUGHES AIRCRAFT
#TH-55 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
..#TH-55 HELICOPTER

THAILAND
1305
GS NATIONS
#THAILAND
RT ASIA

THALAMUS
0405 0408
GS ANATOMY
.NERVOUS SYSTEM
..CENTRAL NERVOUS SYSTEM
...BRAIN
....DIENCEPHALON
....#THALAMUS

THALLIUM
0603 1703
GS CHEMICAL ELEMENTS
#THALLIUM
..THALLIUM ISOTOPES
METALS
#THALLIUM
..THALLIUM ISOTOPES
RT THALLIUM COMPOUNDS

THALLIUM ALLOYS
1701
GS ALLOYS
#THALLIUM ALLOYS

THALLIUM COMPOUNDS
0603 1704 1804
RT % METAL COMPOUNDS
THALLIUM

THALLIUM ISOTOPES

```
  0603 1703
  GS   CHEMICAL ELEMENTS
       .THALLIUM
       .#THALLIUM ISOTOPES
       METALS
       .THALLIUM
       .#THALLIUM ISOTOPES

THAWING
  USE  MELTING

THEMATIC MAPPERS (LANDSAT)
  0705 0905 1303 1406 1407 1409
  GS   OPTICAL EQUIPMENT
       .OPTICAL SCANNERS
       ..MULTISPECTRAL BAND SCANNERS
       ..#THEMATIC MAPPERS (LANDSAT)
       REMOTE SENSORS
       #THEMATIC MAPPERS (LANDSAT)
       SCANNERS
       .OPTICAL SCANNERS
       ..MULTISPECTRAL BAND SCANNERS
       ..#THEMATIC MAPPERS (LANDSAT)
  RT   LANDSAT 4
       LANDSAT 5
       REMOTE SENSING
       THEMATIC MAPPING

THEMATIC MAPPING
  1303
  GS   MAPPING
       #THEMATIC MAPPING
  RT   CADASTRAL MAPPING
       MAPS
       PHOTOGEOLOGY
       PHOTOMAPPING
       PHOTOMAPS
       THEMATIC MAPPERS (LANDSAT)

THEMIS PROJECT
  1902 1903
  GS   PROGRAMS
       .PROJECTS
       .#THEMIS PROJECT

THEODOLITES
  1406 1412 1901 2104 3001 3002
  GS   MEASURING INSTRUMENTS
       .OPTICAL MEASURING INSTRUMENTS
       ..TRANSITS
       ..#THEODOLITES
       ....CINETHEODOLITES
       OPTICAL EQUIPMENT
       .OPTICAL MEASURING INSTRUMENTS
       ..TRANSITS
       ..#THEODOLITES
       ....CINETHEODOLITES
  RT   SEXTANTS

THEODORSEN TRANSFORMATION
  0101 0102 1202
  RT   AIRFOIL PROFILES
       COMPLEX VARIABLES
       CONFORMAL MAPPING
       COORDINATE TRANSFORMATIONS
       JOUKOWSKI TRANSFORMATION
       PRESSURE DISTRIBUTION

THEOREM PROVING
  1902
  GS   PROBLEM SOLVING
       #THEOREM PROVING
       PROVING
       #THEOREM PROVING
  RT   ARTIFICIAL INTELLIGENCE
       COMPUTER PROGRAMMING
       PREDICATE CALCULUS
       THEOREMS

THEOREMS
  1902 2311
  UF   LEMMAS
  GS  #THEOREMS
       .ADDITION THEOREM
       .BAYES THEOREM
       .BERNOULLI THEOREM
       .BINOMIAL THEOREM
       .CASTIGLIANO VARIATIONAL THEOREM
       .DUALITY THEOREM
       .EQUIPARTITION THEOREM
       .EXISTENCE THEOREMS
       .FLOQUET THEOREM
       .GAUSS-MARKOV THEOREM
       .HELLMANN-FEYNMAN THEOREM
       .KAKUTANI THEOREM
       .LEBESGUE THEOREM
       .LIOUVILLE THEOREM
       .MICHELL THEOREM
       .POMERANCHUK THEOREM
       .POYNTING THEOREM
       .RECIPROCAL THEOREMS
       .RECIPROCITY THEOREM
       .RICHARDS THEOREM
       .RIESZ THEOREM
       .SCHAUDER FIXPOINT THEOREM
       .SIMILARITY THEOREM
       ..LAGRANGE SIMILARITY HYPOTHESIS
       .STOKES THEOREM (VECTOR CALCULUS)
       .UNIQUENESS THEOREM
       .VIRIAL THEOREM
  RT   HYPOTHESES
       MATHEMATICAL LOGIC
     % MATHEMATICS
       TAYLOR SERIES
       THEOREM PROVING

THEORETICAL PHYSICS
  2311
  GS  #THEORETICAL PHYSICS
       .NEWTON THEORY
       .QUANTUM THEORY
       ..BOHR THEORY
  RT   ASTROPHYSICS
       BROKEN SYMMETRY
       CHARM (PARTICLE PHYSICS)
       ELECTROPHYSICS
       FLAVOR (PARTICLE PHYSICS)
       GEOPHYSICS
       GRAND UNIFIED THEORY
       NAKED SINGULARITIES
       NUCLEAR PHYSICS
     % PHYSICS
       PLASMA PHYSICS
       RADIO PHYSICS
     % SCIENCE
     % SOLID STATE PHYSICS
       STRANGE ATTRACTORS
       STRING THEORY
       SUPERGRAVITY
       SUPERSYMMETRY
       UNIFIED FIELD THEORY
       YANG-MILLS THEORY

% THEORIES
  1902 3406
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ABRIKOSOV THEORY
       ASSUMPTIONS
       ATOMIC THEORY
       AUTOMATA THEORY
       BCS THEORY
       BELLMAN THEORY
       BENDING THEORY
       BESSEL-BREDICHIN THEORY
       BIMETRIC THEORIES
       BOGOLIUBOV THEORY
       BOHR THEORY
       BORN-INFELD THEORY
       CATASTROPHE THEORY
       CHAPMAN-ENSKOG THEORY
       COMMUNICATION THEORY
       CONTROL THEORY
       CROCCO-LEE THEORY
```

DEBYE-HUCKEL THEORY
DECISION THEORY
DIFFUSION THEORY
DYNAMO THEORY
DYSON THEORY
EYRING THEORY
FIELD MODE THEORY
FIELD THEORY (ALGEBRA)
FIELD THEORY (PHYSICS)
FINITE DIFFERENCE THEORY
FLOW THEORY
FLUCTUATION THEORY
FOSTER THEORY
GAME THEORY
GAUGE THEORY
GEOMETRICAL THEORY OF DIFFRACTION
GESTALT THEORY
GLAUBER THEORY
GOAL THEORY
GRAPH THEORY
GRAVITATION THEORY
GRIFFITH CRACK
GROUP THEORY
HANSEN LUNAR THEORY
HEISENBERG THEORY
HILL LUNAR THEORY
HOMOTOPY THEORY
HUECKEL THEORY
HYPOTHESES
INFORMATION THEORY
JEANS THEORY
KINETIC THEORY
KOLMOGOROV THEORY
LEARNING THEORY
MALKUS THEORY
MANNING THEORY
MATRIX THEORY
MICHAELIS THEORY
MIXING LENGTH FLOW THEORY
MOLECULAR THEORY
MOMENTUM THEORY
NEWTON THEORY
NONADIABATIC THEORY
NUMBER THEORY
NUMERICAL DIFFERENTIATION
OPIK THEORY
ORTHOGONAL MULTIPLEXING THEORY
PARTICLE THEORY
PERTURBATION THEORY
PHYSICAL OPTICS
PISTON THEORY
PLATE THEORY
POPULATION THEORY
POTENTIAL THEORY
PROBABILITY THEORY
QUANTUM CHROMODYNAMICS
QUANTUM THEORY
QUEUEING THEORY
REISSNER THEORY
RELATIVISTIC THEORY
S MATRIX THEORY
SADDLE POINTS (GAME THEORY)
SET THEORY
SHELL THEORY
SPECTRAL THEORY
STATISTICAL DECISION THEORY
STRONG INTERACTIONS (FIELD THEORY)
STURM-LIOUVILLE THEORY
SWITCHING THEORY
TETRAD THEORY
TRANSPORT THEORY
VINTI THEORY
WEAK INTERACTIONS (FIELD THEORY)
YANG-MILLS THEORY
YOUNG-HELMHOLTZ THEORY

THERAPY
0405 0408
GS #THERAPY
.CHEMOTHERAPY
.MASSAGING
.PSYCHOTHERAPY
.RADIATION THERAPY
RT CURES
DISEASES
HEALING
MEDICAL EQUIPMENT
PATIENTS
RESPIRATORS
SKIN GRAFTS

THERMAL ABSORPTION
3303 3304 3501
GS ENERGY ABSORPTION
#THERMAL ABSORPTION
..POLAR CAP ABSORPTION
RT ABLATION
% ABSORPTION
ATMOSPHERIC ATTENUATION
CHARRING
GRAY GAS
HEAT SINKS
PYROLYSIS
TEMPERATURE

THERMAL ACCOMMODATION COEFFICIENTS
USE ACCOMMODATION COEFFICIENT

THERMAL AGITATION
USE THERMAL ENERGY

THERMAL ANALYSIS
1408 3303 3304 3501
UF DIFFERENTIAL THERMAL ANALYSIS
DTA (ANALYSIS)
RT % ANALYZING
HEAT TRANSMISSION
TEMPERATURE
TEMPERATURE GRADIENTS
TEMPERATURE PROFILES

THERMAL BARRIERS (PLASMA CONTROL)
2203 2204
RT % BARRIERS
FUSION REACTORS
MIRROR FUSION
PLASMA CONTROL
TANDEM MIRRORS

THERMAL BATTERIES
0302 3303
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..PRIMARY BATTERIES
..#THERMAL BATTERIES
ELECTROCHEMICAL CELLS
.ELECTRIC BATTERIES
..PRIMARY BATTERIES
..#THERMAL BATTERIES
RT ALKALINE BATTERIES
DRY CELLS

THERMAL BLOOMING
1601
UF LASER BEAM DEFOCUSING
THERMAL DEFOCUSING
RT LASER CUTTING
LASER HEATING
LASER OUTPUTS
LASERS
PHOTON BEAMS
TEMPERATURE

THERMAL BOUNDARY LAYER
0101 1202 1203 3304
GS BOUNDARY LAYERS
#THERMAL BOUNDARY LAYER
RT HYPERSONIC BOUNDARY LAYER
LAMINAR BOUNDARY LAYER
RAYLEIGH-BENARD CONVECTION
TEMPERATURE
TURBULENT BOUNDARY LAYER

THERMAL BUCKLING
3203 3204 3303 3501

GS BUCKLING
#THERMAL BUCKLING
RT EXPANSION
TEMPERATURE
TEMPERATURE EFFECTS
THERMAL EXPANSION

THERMAL COMFORT
0504 0507 0508 3303
RT HEAT STROKE
TEMPERATURE
THERMAL ENVIRONMENTS

THERMAL CONDUCTIVITY
2302 3303 3304 3408 3501
GS THERMODYNAMIC PROPERTIES
.THERMOPHYSICAL PROPERTIES
.#THERMAL CONDUCTIVITY
TRANSPORT PROPERTIES
#THERMAL CONDUCTIVITY
RT AIR CONDUCTIVITY
ATMOSPHERIC CONDUCTIVITY
CONDUCTIVE HEAT TRANSFER
% CONDUCTIVITY
FOURIER LAW
HOT-WIRE FLOWMETERS
LEWIS NUMBERS
SPECIFIC HEAT
TEMPERATURE
THERMOHYDRAULICS

THERMAL CONDUCTIVITY GAGES
1406 1408 2302 3303 3501
SN (GAGES FOR MEASURING THERMAL CONDUCTIVITY--EXCLUDES GAGES USING THERMAL CONDUCTIVITY TO MEASURE OTHER PROPERTIES OR VARIABLES)
GS MEASURING INSTRUMENTS
#THERMAL CONDUCTIVITY GAGES
RT TEMPERATURE

THERMAL CONDUCTORS
0603 1704 2302 3303 3304 3501
GS CONDUCTORS
#THERMAL CONDUCTORS
RT % CONDUCTION
CONDUCTIVE HEAT TRANSFER
ELECTRIC CONDUCTORS
TEMPERATURE

THERMAL CONTROL COATINGS
0604 1802 3303 3305 3501
GS COATINGS
#THERMAL CONTROL COATINGS
RT ABLATIVE MATERIALS
% CONTROL
HEAT SHIELDING
REENTRY SHIELDING
REUSABLE HEAT SHIELDING
TEMPERATURE
TEMPERATURE CONTROL

THERMAL CONVECTION
USE FREE CONVECTION

THERMAL CURRENTS
USE CONVECTIVE FLOW

THERMAL CYCLING TESTS
3303 3304 3501
RT CLOSED CYCLES
COOLING
ENVIRONMENTAL TESTS
FATIGUE TESTS
HEATING
TEMPERATURE
TEMPERATURE CONTROL
% TESTS
THERMODYNAMIC PROPERTIES

THERMAL DECOMPOSITION
0602
GS CHEMICAL REACTIONS
#THERMAL DECOMPOSITION
..PYROLYSIS
DECOMPOSITION
#THERMAL DECOMPOSITION
..PYROLYSIS
RT ABLATION
ENDOTHERMIC REACTIONS
EXOTHERMIC REACTIONS
TEMPERATURE
THERMOCHEMISTRY
THERMOGRAVIMETRY

THERMAL DEFOCUSING
USE THERMAL BLOOMING

THERMAL DEGRADATION
0602 3303 3501
GS DEGRADATION
#THERMAL DEGRADATION
RT PYROLYSIS
STERILIZATION EFFECTS
TEMPERATURE
TEMPERATURE DEPENDENCE
TEMPERATURE EFFECTS

THERMAL DIFFUSION
0602 3303 3304 3501
GS DIFFUSION
#THERMAL DIFFUSION
THERMODYNAMIC PROPERTIES
.THERMOPHYSICAL PROPERTIES
.#THERMAL DIFFUSION
RT CHAPMAN-ENSKOG THEORY
% CONDUCTION
CONVECTIVE FLOW
ELECTRON DIFFUSION
GAS HEATING
GASEOUS DIFFUSION
HEAT TRANSFER
KIRKENDALL EFFECT
PECLET NUMBER
% SEPARATION
SORET COEFFICIENT
SURFACE DIFFUSION
TEMPERATURE
THERMOCHEMISTRY
THERMOHYDRAULICS
VISCOSITY

THERMAL DIFFUSIVITY
0101 1202 2311 3303 3501
GS THERMODYNAMIC PROPERTIES
.THERMOPHYSICAL PROPERTIES
.#THERMAL DIFFUSIVITY
TRANSPORT PROPERTIES
#THERMAL DIFFUSIVITY
RT TEMPERATURE
VISCOSITY

THERMAL DISSOCIATION
0602 0603 3303 3501
GS CHEMICAL REACTIONS
#THERMAL DISSOCIATION
DISSOCIATION
#THERMAL DISSOCIATION
RT CRACKING (CHEMICAL ENGINEERING)
DECOMPOSITION
DEGRADATION
GAS DISSOCIATION
HEAT OF DISSOCIATION
HYDROGEN PRODUCTION
IONIZATION
PLASMAS (PHYSICS)
TEMPERATURE
TEMPERATURE EFFECTS

THERMAL EFFECTS
USE TEMPERATURE EFFECTS

THERMAL EFFICIENCY
USE THERMODYNAMIC EFFICIENCY

THERMAL EMISSION
1002 3303 3501
GS EMISSION
#THERMAL EMISSION
..THERMIONIC EMISSION
RT ELECTRON EMISSION
EMISSIVITY
EXHAUST EMISSION
INCANDESCENCE
INFRARED ABSORPTION
TEMPERATURE

THERMAL ENERGY
3303 3304 3501
UF THERMAL AGITATION
RT COGENERATION
% ENERGY
FREE ENERGY
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL RESOURCES
HEAT
HEAT OF FUSION
HEAT OF SOLUTION
INTERNAL ENERGY
KINETIC ENERGY
LATTICE VIBRATIONS
PHOTOTHERMAL CONVERSION
SOLAR THERMAL ELECTRIC POWER PLANTS
TEMPERATURE

THERMAL ENERGY STORAGE
USE HEAT STORAGE

THERMAL ENVIRONMENTS
0504 0507 0508 3008 3303
GS ENVIRONMENTS
#THERMAL ENVIRONMENTS
RT ADIABATIC CONDITIONS
AEROSPACE ENVIRONMENTS
HEAT STROKE
HIGH TEMPERATURE ENVIRONMENTS
LIFE SUPPORT SYSTEMS
LOW TEMPERATURE ENVIRONMENTS
LUNAR ENVIRONMENT
PLANETARY ENVIRONMENTS
SATELLITE TEMPERATURE
SPACECRAFT ENVIRONMENTS
TEMPERATURE
THERMAL COMFORT

THERMAL EXPANSION
1203 3203 3303 3501
GS EXPANSION
#THERMAL EXPANSION
THERMODYNAMIC PROPERTIES
#THERMAL EXPANSION
RT BOUSSINESQ APPROXIMATION
DILATOMETRY
EXTENSOMETERS
GRUNEISEN CONSTANT
HEAT TRANSFER
HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS
NEEL TEMPERATURE
% PHYSICAL PROPERTIES
TEMPERATURE
THERMAL BUCKLING
THERMOPHYSICAL PROPERTIES
WARPAGE

THERMAL FATIGUE
1701 1704 3204 3303 3501
UF HIGH TEMPERATURE FATIGUE
GS FATIGUE (MATERIALS)
#THERMAL FATIGUE
RT HIGH TEMPERATURE ENVIRONMENTS
METAL FATIGUE
TEMPERATURE

THERMAL GRAVIMETRY
USE THERMOGRAVIMETRY

THERMAL INSTABILITY
0603 1202 3203 3303 3501
GS THERMODYNAMIC PROPERTIES
#THERMAL INSTABILITY
RT CLEAR AIR TURBULENCE
COMBUSTION STABILITY
MAGNETOHYDRODYNAMIC STABILITY
PYROLYSIS
SPUTTERING
STELLARATORS
TEMPERATURE

THERMAL INSULATION
0507 2303 3303 3305 3501
GS INSULATION
#THERMAL INSULATION
RT AIR CONDITIONING
AMBERLITE (TRADEMARK)
ASBESTOS
CORK (MATERIALS)
CRYOGENIC FLUID STORAGE
HEAT
HEAT SHIELDING
HEAT SINKS
HEAT TRANSFER
HEAT TRANSMISSION
HEATING EQUIPMENT
REENTRY SHIELDING
REFRACTORIES
REFRACTORY COATINGS
TEMPERATURE
TEMPERATURE CONTROL
TROMBE WALLS

THERMAL MAPPING
3006 3009
GS MAPPING
#THERMAL MAPPING
RT AERIAL RECONNAISSANCE
EARTH RESOURCES
GEOTHERMAL ANOMALIES
GEOTHERMAL RESOURCES
HEAT CAPACITY MAPPING MISSION
INFRARED RADIOMETERS
INFRARED SCANNERS
ISOTHERMAL LAYERS
ISOTHERMS
PHOTOMAPPING
PLANETARY MAPPING
TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE GRADIENTS
THERMOGRAPHY

THERMAL NEUTRONS
2203 2403 2405
UF SLOW NEUTRONS
GS NUCLEAR RADIATION
#THERMAL NEUTRONS
PARTICLES
.ELEMENTARY PARTICLES
..FERMIONS
...NEUTRONS
...#THERMAL NEUTRONS
.NEUTRAL PARTICLES
..NEUTRONS
..#THERMAL NEUTRONS
RT BARYONS
FAST NEUTRONS
NUCLEAR REACTORS
TEMPERATURE
THERMALIZATION (ENERGY ABSORPTION)

THERMAL NOISE
0704 2402 3303
GS ELASTIC WAVES
.SOUND WAVES
..NOISE (SOUND)
..#THERMAL NOISE
ELECTROMAGNETIC INTERFERENCE
.RADIO FREQUENCY INTERFERENCE
..ELECTROMAGNETIC NOISE
...WHITE NOISE

```
      ...#THERMAL NOISE
  RT  CHANNEL NOISE
      ELECTROMAGNETIC NOISE MEASUREMENT
      NOISE TEMPERATURE
      SHOT NOISE
      TEMPERATURE

THERMAL PLASMAS
  2502 3303
  GS  PARTICLES
      .CHARGED PARTICLES
      ..ENERGETIC PARTICLES
      ...PLASMAS (PHYSICS)
      ...#THERMAL PLASMAS
  RT  ELECTRON PLASMA
      HIGH TEMPERATURE PLASMAS
      PLASMA GENERATORS
      PLASMA TEMPERATURE
      TEMPERATURE

THERMAL POLLUTION
  0404 0408 0411 0505 1306 2202 3303
  3304 0504
  GS  POLLUTION
      #THERMAL POLLUTION
  RT  BIOLOGICAL EFFECTS
      COASTAL ECOLOGY
      ENVIRONMENT EFFECTS
      ENVIRONMENT POLLUTION
      ENVIRONMENTAL QUALITY
      ENVIRONMENTAL SURVEYS
      ENVIRONMENTS
      HEAT TRANSFER
      LAKES
      LIQUID COOLING
      MARINE BIOLOGY
      NUCLEAR REACTORS
      OCEAN TEMPERATURE
      OCEANS
      PLANKTON
      POLLUTION TRANSPORT
      SEAS
      TEMPERATURE
      WATER POLLUTION
      WATER TEMPERATURE

THERMAL POWER
  USE  TURBOGENERATORS

THERMAL PROPERTIES
  USE  THERMODYNAMIC PROPERTIES

THERMAL PROTECTION
  0507 0508 3303 3305 3501
  GS  PROTECTION
      #THERMAL PROTECTION
  RT  ABLATIVE MATERIALS
      CARBON-CARBON COMPOSITES
      HEAT SHIELDING
      LUDOX (TRADEMARK)
      RADIATION PROTECTION
      REENTRY SHIELDING
      REUSABLE HEAT SHIELDING
      TEMPERATURE

THERMAL RADIATION
  2402 3303 3304 2903 3501
  SN  (EMITTED AS THE RESULT OF THERMAL
      EXCITATION OF MOLECULES)
  GS  ELECTROMAGNETIC RADIATION
      #THERMAL RADIATION
      ..BLACK BODY RADIATION
      ..PHONON BEAMS
  RT  CONCENTRATORS
      GREENHOUSE EFFECT
      HEAT
      INFRARED RADIATION
      LIGHT (VISIBLE RADIATION)
      NEAR INFRARED RADIATION
      NONGRAY GAS
      NONTHERMAL RADIATION
      PLANCKS CONSTANT
      PLANETARY RADIATION
    % RADIATION
      RADIO WAVES
      SKY RADIATION
      SOLAR RADIATION
      SUNLIGHT
      TEMPERATURE
      THERMODYNAMIC PROPERTIES
      ULTRAVIOLET RADIATION

THERMAL REACTORS
  2202 2204
  GS  NUCLEAR REACTORS
      #THERMAL REACTORS
  RT % REACTORS
      TEMPERATURE

THERMAL RESISTANCE
  1704 1803 3304 3303 3501
  UF  HEAT RESISTANCE
  GS  MECHANICAL PROPERTIES
      #THERMAL RESISTANCE
  RT  CARBON-CARBON COMPOSITES
    % HIGH RESISTANCE
      HIGH TEMPERATURE LUBRICANTS
      HIGH TEMPERATURE TESTS
    % LOW RESISTANCE
      OXIDATION
      OXIDATION RESISTANCE
    % RESISTANCE
      SPECIFIC HEAT
      TEMPERATURE
      TEMPERATURE EFFECTS
      THERMODYNAMIC PROPERTIES

THERMAL RESOURCES
  1303 1306 1308 1310
  GS  HEAT SOURCES
      #THERMAL RESOURCES
      ..GEOTHERMAL RESOURCES
      ...GEYSERS
      RESOURCES
      .EARTH RESOURCES
      .#THERMAL RESOURCES
      ...GEOTHERMAL RESOURCES
      ....GEYSERS
  RT  AGROMETEOROLOGY
      ATMOSPHERIC TEMPERATURE
      CROP GROWTH
      CROP VIGOR
      GEOTHERMAL TECHNOLOGY
      RESOURCES MANAGEMENT
      TEMPERATURE
      TEMPERATURE DISTRIBUTION

THERMAL SHIELDING
  USE  HEAT SHIELDING

THERMAL SHOCK
  3203 3303 3501
  RT  COOLING
      HEATING
      HIGH TEMPERATURE TESTS
    % SHOCK
      SHOCK RESISTANCE
      TEMPERATURE
      TEMPERATURE DISTRIBUTION
      THERMODYNAMIC PROPERTIES

THERMAL SIMULATION
  1107 1108 3104 3303 3501
  GS  SIMULATION
      .ENVIRONMENT SIMULATION
      .#THERMAL SIMULATION
  RT  ALTITUDE SIMULATION
      SOLAR SIMULATION
      SPACE ENVIRONMENT SIMULATION
      TEMPERATURE

THERMAL SINKS
  USE  HEAT SINKS

THERMAL STABILITY
```

3304
UF THERMOSTABILITY
GS STABILITY
#THERMAL STABILITY
THERMODYNAMIC PROPERTIES
.THERMOPHYSICAL PROPERTIES
.#THERMAL STABILITY
RT DIMENSIONAL STABILITY
HIGH TEMPERATURE TESTS
LOW TEMPERATURE TESTS
STORAGE STABILITY
SURFACE STABILITY
TEMPERATURE
TEMPERATURE DEPENDENCE

THERMAL STRESSES
1701 1704 3203 3303 3304 3501
SN (EXCLUDES BIOLOGICAL STRESSES)
GS STRESSES
#THERMAL STRESSES
RT COOLING
FATIGUE (MATERIALS)
HEATING
TEMPERATURE
TEMPERATURE DISTRIBUTION
TEMPERATURE EFFECTS

THERMAL VACUUM TESTS
1106 1108 1203 1506 3501
GS VACUUM TESTS
#THERMAL VACUUM TESTS
RT ENVIRONMENTAL TESTS
HIGH ALTITUDE ENVIRONMENTS
TEMPERATURE
TEST CHAMBERS
% TESTS
VACUUM CHAMBERS

THERMALIZATION (ENERGY ABSORPTION)
2401 2403 2405 3303
GS ENERGY ABSORPTION
.MODERATION (ENERGY ABSORPTION)
.#THERMALIZATION (ENERGY ABSORPTION)
...NEUTRON THERMALIZATION
RT THERMAL NEUTRONS

THERMICONS
0905 2310
GS ELECTRON TUBES
.CAMERA TUBES
..VIDICONS
...RETURN BEAM VIDICONS
...#THERMICONS
.IMAGE TUBES
.#THERMICONS
OPTICAL EQUIPMENT
.IMAGE CONVERTERS
..IMAGE TUBES
..#THERMICONS

THERMIONIC CATHODES
0903 0905 2402 3303
GS ELECTRODES
.CATHODES
..TUBE CATHODES
..#THERMIONIC CATHODES
EMITTERS
#THERMIONIC CATHODES
RT HOT CATHODES

THERMIONIC CONVERSION SYSTEMS
USE THERMIONIC POWER GENERATION

THERMIONIC CONVERTERS
0301 0903 0905 2402 3303
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
.#THERMIONIC CONVERTERS
...SNAP 13
...SOLAR BLANKETS
RT CESIUM DIODES
CESIUM PLASMA
% CONVERTERS
FUEL CELLS
ION PRODUCTION RATES
MAGNETOHYDRODYNAMIC GENERATORS
PLASMA POWER SOURCES
RADIOISOTOPE BATTERIES
SNAP
SOLAR CELLS
THERMOELECTRIC GENERATORS

THERMIONIC DIODES
0903 0905 2402 3303
GS ELECTRON TUBES
#THERMIONIC DIODES
..CESIUM DIODES
ELECTRONIC EQUIPMENT
.DIODES
.#THERMIONIC DIODES
...CESIUM DIODES
RT CHILD-LANGMUIR LAW
PERVEANCE
SEMICONDUCTOR DIODES

THERMIONIC EMISSION
2401 2402 2403 3303
UF RICHARDSON-DUSHMAN EQUATION
GS EMISSION
.PARTICLE EMISSION
.#THERMIONIC EMISSION
.THERMAL EMISSION
.#THERMIONIC EMISSION
RT ELECTRON EMISSION
ION EMISSION
THERMOELECTRICITY
WORK FUNCTIONS

THERMIONIC EMITTERS
0905 2304 3303 3304
GS EMITTERS
#THERMIONIC EMITTERS

THERMIONIC POWER GENERATION
0903 0905 1002 2402 2403 3303
UF THERMIONIC CONVERSION SYSTEMS
RT % CONVERSION
SNAP
SNAP 13

THERMIONIC REACTORS
USE ION ENGINES
NUCLEAR ROCKET ENGINES

THERMIONICS
1002 2402 3303
RT CATHODES
ELECTRON EMISSION
% ELECTRONICS
ION EMISSION

THERMISTORS
0905 0906 2602 3303
GS ATTENUATORS
.RESISTORS
.#THERMISTORS
ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
..#THERMISTORS
TEMPERATURE SENSORS
#THERMISTORS
RT RADIOMETERS
TEMPERATURE MEASURING INSTRUMENTS
VARISTORS

THERMITES
0603
RT ALUMINUM OXIDES
AUGER SPECTROSCOPY
BARIUM ION CLOUDS
COPPER OXIDES
IGNITION TEMPERATURE
PYROTECHNICS

```
THERMOBALANCES
  3303 3304
  GS    MEASURING INSTRUMENTS
        .INDICATING INSTRUMENTS
        ..WEIGHT INDICATORS
        ..#THERMOBALANCES
  RT    THERMOGRAVIMETRY

THERMOCHEMICAL PROPERTIES
  0602 3301 3304
  GS    CHEMICAL PROPERTIES
        #THERMOCHEMICAL PROPERTIES
        ..HEAT OF COMBUSTION
        ..HEAT OF DISSOCIATION
        ..HEAT OF FORMATION
        ..HEAT OF SOLUTION
        ..LATENT HEAT
        ...HEAT OF FUSION
        ...HEAT OF VAPORIZATION
        THERMODYNAMIC PROPERTIES
        #THERMOCHEMICAL PROPERTIES
        ..HEAT OF COMBUSTION
        ..HEAT OF DISSOCIATION
        ..HEAT OF FORMATION
        ..HEAT OF SOLUTION
        ..LATENT HEAT
        ...HEAT OF FUSION
        ...HEAT OF VAPORIZATION
  RT    HEAT BALANCE
     % PROPERTIES

THERMOCHEMISTRY
  0603 1701 1704 3304
  GS   #THERMOCHEMISTRY
        .AEROTHERMOCHEMISTRY
        .COMBUSTION CHEMISTRY
  RT    CHEMICAL ENGINEERING
        CHEMICAL REACTIONS
     % CHEMISTRY
        COMBUSTION PHYSICS
        ENTHALPY
        ENTROPY
        HEAT
        HEAT BALANCE
        HEAT OF DISSOCIATION
        HEAT OF FUSION
        HEAT OF SOLUTION
        HEAT TREATMENT
        PHYSICAL CHEMISTRY
        PROPELLANT CHEMISTRY
        PYROMETALLURGY
        THERMAL DECOMPOSITION
        THERMAL DIFFUSION
        THERMODYNAMIC PROPERTIES
        THERMODYNAMICS
        THERMOGRAVIMETRY
        THERMOPHYSICAL PROPERTIES
        WATER SPLITTING

THERMOCHROMATIC MATERIALS
  0603 1704 1804
  RT    COLOR
        COLORIMETRY
     % INORGANIC MATERIALS
     % MATERIALS
        OPTICAL PROPERTIES
        ORGANIC MATERIALS
        SOLIDS

THERMOCLINES
  1310 3303 3304
  GS    GRADIENTS
        .TEMPERATURE GRADIENTS
        .#THERMOCLINES
  RT    OCEANOGRAPHY
        SEA WATER
        SOUND TRANSMISSION
        STRATIFICATION
        SURFACE LAYERS
        SURFACE TEMPERATURE
        UNDERWATER ACOUSTICS

THERMOCOUPLE PYROMETERS
  1408 3303 3501
  GS    MEASURING INSTRUMENTS
        .TEMPERATURE MEASURING INSTRUMENTS
        ..PYROMETERS
        ..#THERMOCOUPLE PYROMETERS
  RT    GALVANOMETERS
        POTENTIOMETERS (INSTRUMENTS)
        RADIATION PYROMETERS
        RESISTANCE THERMOMETERS
        TEMPERATURE MEASUREMENT
        THERMOCOUPLES
        THERMOELEMENT AMMETERS

THERMOCOUPLES
  0301 1701 1704 3305
  GS   #THERMOCOUPLES
        .THERMOPILES
  RT    CONSTANTAN
        INDICATING INSTRUMENTS
        MANGANIN (TRADEMARK)
        PELTIER EFFECTS
        POTENTIOMETERS (INSTRUMENTS)
        SEEBECK EFFECT
        TEMPERATURE MEASUREMENT
        TEMPERATURE MEASURING INSTRUMENTS
        TEMPERATURE PROBES
        THERMOCOUPLE PYROMETERS
        THERMOELECTRIC GENERATORS
        THERMOELECTRICITY

THERMODYNAMIC COUPLING
  3303 3304 3501
  GS    COUPLING
        #THERMODYNAMIC COUPLING
  RT    BCS THEORY
        ELECTRON PHONON INTERACTIONS
        SUPERCONDUCTORS

THERMODYNAMIC CYCLES
  2003 3301 3304
  GS    CYCLES
        #THERMODYNAMIC CYCLES
        ..BRAYTON CYCLE
        ..CARNOT CYCLE
        ..OTTO CYCLE
        ..RANKINE CYCLE
        ..STIRLING CYCLE
  RT    ADIABATIC CONDITIONS
        CLOSED CYCLES
        HEAT ENGINES
        INTERNAL COMBUSTION ENGINES
        LASER PROPULSION
     % STROKES
        THERMODYNAMICS

THERMODYNAMIC EFFICIENCY
  1504 3304
  UF    THERMAL EFFICIENCY
  GS    EFFICIENCY
        #THERMODYNAMIC EFFICIENCY
  RT    COMBUSTION EFFICIENCY
        COMPRESSOR EFFICIENCY
        ENGINES
        HEAT SOURCES
        INTERNAL COMBUSTION ENGINES
        NOZZLE EFFICIENCY
        POWER EFFICIENCY
        PROPULSION SYSTEM PERFORMANCE
        PROPULSIVE EFFICIENCY
        SPECIFIC IMPULSE
        TEMPERATURE
        THERMODYNAMICS

THERMODYNAMIC EQUILIBRIUM
  1905 2308 3304
  RT    ACID BASE EQUILIBRIUM
        ADIABATIC CONDITIONS
        CHEMICAL EQUILIBRIUM
     % EQUILIBRIUM
        HEAT OF DISSOCIATION
        ISENTROPIC PROCESSES
```

ISOCHORIC PROCESSES
ISOENERGETIC PROCESSES
ISOTHERMAL PROCESSES
LIQUID-VAPOR EQUILIBRIUM
LOCAL THERMODYNAMIC EQUILIBRIUM
STATISTICAL MECHANICS

THERMODYNAMIC PROPERTIES
0603 1701 1704 3304
UF THERMAL PROPERTIES
GS #THERMODYNAMIC PROPERTIES
.ENTHALPY
..GIBBS FREE ENERGY
..HEAT OF DISSOCIATION
..HEAT OF FORMATION
..HEAT OF SOLUTION
..LATENT HEAT
...HEAT OF FUSION
...HEAT OF VAPORIZATION
.ENTROPY
.FREE ENERGY
..GIBBS FREE ENERGY
.SURFACE ENERGY
.THERMAL EXPANSION
.THERMAL INSTABILITY
.THERMOCHEMICAL PROPERTIES
..HEAT OF COMBUSTION
..HEAT OF DISSOCIATION
..HEAT OF FORMATION
..HEAT OF SOLUTION
..LATENT HEAT
...HEAT OF FUSION
...HEAT OF VAPORIZATION
.THERMOPHYSICAL PROPERTIES
..CRITICAL POINT
..CRITICAL PRESSURE
..CRITICAL TEMPERATURE
..EMISSIVITY
..FUSIBILITY
..HEAT OF SOLUTION
..LATENT HEAT
...HEAT OF FUSION
...HEAT OF VAPORIZATION
..MELTING POINTS
..PYROELECTRICITY
..SPECIFIC HEAT
..SUPERCRITICAL PRESSURES
..THERMAL CONDUCTIVITY
..THERMAL DIFFUSION
..THERMAL DIFFUSIVITY
..THERMAL STABILITY
..VAPOR PRESSURE
..VOLATILITY
RT CHEMICAL PROPERTIES
DIFFUSIVITY
EMITTANCE
% EQUILIBRIUM
HEAT
HEAT BALANCE
HIGH TEMPERATURE TESTS
JOULE-THOMSON EFFECT
OPTICAL PROPERTIES
% PHYSICAL PROPERTIES
PRANDTL NUMBER
PROPELLANT PROPERTIES
% PROPERTIES
SEEBECK EFFECT
SOLUBILITY
TEMPERATURE
TEPHIGRAMS
THERMAL CYCLING TESTS
THERMAL RADIATION
THERMAL RESISTANCE
THERMAL SHOCK
THERMOCHEMISTRY
THERMODYNAMICS
THERMOLUMINESCENCE
ZERO POINT ENERGY

THERMODYNAMICS
3304
UF HEAT EQUATIONS
THERMOMECHANICS
THERMOPHYSICS
GS #THERMODYNAMICS
.AEROTHERMODYNAMICS
.COMBUSTION PHYSICS
.NONEQUILIBRIUM THERMODYNAMICS
RT AERODYNAMICS
% DYNAMICS
ENGINES
ENTHALPY
ENTROPY
% EQUATIONS
EQUATIONS OF STATE
% EQUILIBRIUM
ERGODIC PROCESS
FLUID MECHANICS
FREE ENERGY
GAS DYNAMICS
HEAT
HEAT OF FUSION
HEAT OF SOLUTION
HEAT TRANSFER
INTERNAL ENERGY
IRREVERSIBLE PROCESSES
ISOTHERMS
JOULE-THOMSON EFFECT
KIRCHHOFF LAW OF RADIATION
MECHANICAL ENGINEERING
MOLECULAR RELAXATION
MOLLIER DIAGRAM
NONADIABATIC CONDITIONS
NONGRAY GAS
NONISOTHERMAL PROCESSES
ONSAGER RELATIONSHIP
% PATHS
PFAFF EQUATION
PHOTOTHERMAL CONVERSION
PHYSICAL CHEMISTRY
PLASMA PHYSICS
PLASMAS (PHYSICS)
POLYTROPIC PROCESSES
RANKINE CYCLE
RAYLEIGH EQUATIONS
STEAM
THERMOCHEMISTRY
THERMODYNAMIC CYCLES
THERMODYNAMIC EFFICIENCY
THERMODYNAMIC PROPERTIES
THERMOELECTRIC COOLING
UNSTEADY STATE

THERMOELASTICITY
0102 3203 3303 3304
GS MECHANICAL PROPERTIES
.ELASTIC PROPERTIES
.#THERMOELASTICITY
...AEROTHERMOELASTICITY
RT AEROELASTICITY
AEROTHERMODYNAMICS
HYDROELASTICITY
THERMOELECTRIC GENERATORS
THERMOELECTRIC MATERIALS

THERMOELECTRIC CONVERSION SYSTEMS
USE THERMOELECTRIC POWER GENERATION

THERMOELECTRIC COOLING
0302 0504 2402 3303
UF ETTINGSHAUSEN COOLERS
GS COOLING
#THERMOELECTRIC COOLING
RT CRYOGENICS
ETTINGSHAUSEN EFFECT
HEAT PUMPS
PELTIER EFFECTS
REFRIGERATING
REFRIGERATING MACHINERY
THERMODYNAMICS
THERMOELECTRICITY
THERMOMAGNETIC COOLING

THERMOELECTRIC GENERATORS
0302 3303 3304

```
  GS    ELECTRIC GENERATORS
        .DIRECT POWER GENERATORS
        .#THERMOELECTRIC GENERATORS
        ...SNAP 3
        ...SNAP 7
        ...SNAP 9A
        ...SNAP 10A
        ...SNAP 11
        ...SNAP 15
        ...SNAP 17
        ...SNAP 19
        ...SNAP 21
        ...SNAP 23
        ...SNAP 27
        ...SNAP 29
        ...SOLAR SEA POWER PLANTS
  RT    ASTEC SOLAR TURBOELECTRIC GENERATOR
        FUEL CELLS
      % GENERATORS
        MAGNETOHYDRODYNAMIC GENERATORS
        NUCLEAR AUXILIARY POWER UNITS
        PHOTOELECTRIC GENERATORS
        RADIOISOTOPE BATTERIES
        SNAP
        SOLAR CELLS
        SOLAR GENERATORS
        SPACE STATION POWER SUPPLIES
        THERMIONIC CONVERTERS
        THERMOCOUPLES
        THERMOELASTICITY
        THERMOELECTRICITY

THERMOELECTRIC MATERIALS
  0603 2304 2602 3304
  RT % MATERIALS
        SEMICONDUCTORS (MATERIALS)
        THERMOELASTICITY
        THERMOELECTRICITY

THERMOELECTRIC OUTER PLANET SPACECRAFT
  USE   TOPS (SPACECRAFT)

THERMOELECTRIC POWER GENERATION
  0302 2304 3304
  UF    THERMOELECTRIC CONVERSION SYSTEMS
  RT % CONVERSION
        NUCLEAR AUXILIARY POWER UNITS
        SNAP
        THERMOELECTRICITY

THERMOELECTRIC SPACECRAFT
  USE   TOPS (SPACECRAFT)

THERMOELECTRICITY
  2304 2602 3303 3304
  UF    THOMSON EFFECT
  RT    ETTINGSHAUSEN EFFECT
        PELTIER EFFECTS
        SEEBECK EFFECT
        THERMIONIC EMISSION
        THERMOCOUPLES
        THERMOELECTRIC COOLING
        THERMOELECTRIC GENERATORS
        THERMOELECTRIC MATERIALS
        THERMOELECTRIC POWER GENERATION
        THERMOPILES
        TRANSPORT PROPERTIES

THERMOELEMENT AMMETERS
  0905 1406 3303
  GS    MEASURING INSTRUMENTS
        .AMMETERS
        .#THERMOELEMENT AMMETERS
  RT    THERMOCOUPLE PYROMETERS

THERMOGRAMS
  USE   RECORDING INSTRUMENTS
        TEMPERATURE MEASURING INSTRUMENTS

THERMOGRAPHY
  1408 3501
  RT    INFRARED IMAGERY
        NONDESTRUCTIVE TESTS
        TEMPERATURE DISTRIBUTION
        TEMPERATURE MEASUREMENT
        THERMAL MAPPING

THERMOGRAVIMETRY
  0601 0602 3303
  UF    THERMAL GRAVIMETRY
  RT    CHEMICAL ANALYSIS
        DEHYDRATION
        PYROLYSIS
        TEMPERATURE EFFECTS
        THERMAL DECOMPOSITION
        THERMOBALANCES
        THERMOCHEMISTRY

THERMOHYDRAULICS
  1204 3304
  RT    CONVECTIVE HEAT TRANSFER
        FLUID DYNAMICS
        FLUID FLOW
        HEAT TRANSMISSION
      % HYDRAULICS
        HYDRODYNAMICS
        LAMINAR HEAT TRANSFER
        RADIATIVE HEAT TRANSFER
        THERMAL CONDUCTIVITY
        THERMAL DIFFUSION
        TURBULENT HEAT TRANSFER

THERMOLUMINESCENCE
  0605 3303
  GS    EMISSION
        .LIGHT EMISSION
        ..LUMINESCENCE
        ..#THERMOLUMINESCENCE
  RT    TEMPERATURE EFFECTS
        THERMODYNAMIC PROPERTIES

THERMOMAGNADYNAMICS
  USE   THERMOMAGNETIC EFFECTS

THERMOMAGNETIC COOLING
  0302 2304 2307 3303 3304
  UF    NERNST GENERATORS
  GS    COOLING
        #THERMOMAGNETIC COOLING
  RT    CRYOGENICS
        ETTINGSHAUSEN EFFECT
        THERMOELECTRIC COOLING

THERMOMAGNETIC EFFECTS
  2304 2307 2308 3303 3304
  UF    THERMOMAGNADYNAMICS
        THERMOMAGNETISM
  GS    MAGNETIC PROPERTIES
        #THERMOMAGNETIC EFFECTS
  RT %  EFFECTS
        ETTINGSHAUSEN EFFECT
        NERNST-ETTINGSHAUSEN EFFECT

THERMOMAGNETISM
  USE   THERMOMAGNETIC EFFECTS

THERMOMECHANICAL TREATMENT
  1108 1703 1704 3501
  GS   #THERMOMECHANICAL TREATMENT
        .HOT PRESSING
        ..HOT ISOSTATIC PRESSING
  RT    HEAT AFFECTED ZONE
        HEAT TREATMENT
      % METALLURGY
        MICROSTRUCTURE
        PLASTIC DEFORMATION
        QUENCHING (COOLING)
      % TREATMENT

THERMOMECHANICS
  USE   THERMODYNAMICS

THERMOMETERS
  1406 1408 3501
  GS    MEASURING INSTRUMENTS
```

.TEMPERATURE MEASURING INSTRUMENTS
.#THERMOMETERS
...RESISTANCE THERMOMETERS
RT TEMPERATURE CONTROL
TEMPERATURE MEASUREMENT
TEMPERATURE SCALES

THERMOMETRY
USE TEMPERATURE MEASUREMENT

THERMOMIGRATION
0906
RT ELECTROMIGRATION
HEAT TRANSFER
TEMPERATURE GRADIENTS

THERMONUCLEAR ENERGY
USE THERMONUCLEAR POWER GENERATION

THERMONUCLEAR EXPLOSIONS
2205 2405 3302 3303
GS EXPLOSIONS
.NUCLEAR EXPLOSIONS
.#THERMONUCLEAR EXPLOSIONS
RT AERIAL EXPLOSIONS
ARGUS PROJECT
FISSION WEAPONS
NUCLEAR DEVICES
NUCLEAR VULNERABILITY
UNDERGROUND EXPLOSIONS
UNDERWATER EXPLOSIONS

THERMONUCLEAR POWER GENERATION
0301 2205
UF THERMONUCLEAR ENERGY
GS NUCLEAR ELECTRIC POWER GENERATION
#THERMONUCLEAR POWER GENERATION
RT ASTRON THERMONUCLEAR REACTOR
CONTROLLED FUSION
ELECTRIC GENERATORS
% ENERGY
PINCH EFFECT
PLASMA GENERATORS
STELLARATORS
ZETA THERMONUCLEAR REACTOR

THERMONUCLEAR PROPULSION
USE NUCLEAR PROPULSION

THERMONUCLEAR REACTIONS
2205 2401 2405 3303
GS NUCLEAR REACTIONS
#THERMONUCLEAR REACTIONS
..NUCLEAR FUSION
...CONTROLLED FUSION
RT ASTRON THERMONUCLEAR REACTOR
HIGH ENERGY INTERACTIONS
MAGNETOHYDRODYNAMICS
PINCH EFFECT
PLASMAS (PHYSICS)
PROTON-PROTON REACTIONS
RADIOACTIVE DECAY
SCYLLA
STELLARATORS
ZETA THERMONUCLEAR REACTOR

THERMOPHILES
0404 0407
RT ALGAE
FUNGI
MESOPHILES
PSYCHROPHILES

THERMOPHILIC PLANTS
0404 0409 3303
GS PLANTS (BOTANY)
#THERMOPHILIC PLANTS
..BLUE GREEN ALGAE
...NOSTOC
RT ALGAE

THERMOPHORESIS
0505
RT AEROSOLS
DEPOSITION
DIFFUSION
PARTICLE DIFFUSION
PARTICLE MOTION
PARTICLE SIZE DISTRIBUTION
% SEPARATION
TEMPERATURE EFFECTS
TEMPERATURE GRADIENTS

THERMOPHYSICAL PROPERTIES
1701 1704 2311 3203 3303 3501
GS THERMODYNAMIC PROPERTIES
#THERMOPHYSICAL PROPERTIES
..CRITICAL POINT
..CRITICAL PRESSURE
..CRITICAL TEMPERATURE
..EMISSIVITY
..FUSIBILITY
..HEAT OF SOLUTION
..LATENT HEAT
...HEAT OF FUSION
...HEAT OF VAPORIZATION
..MELTING POINTS
..PYROELECTRICITY
..SPECIFIC HEAT
..SUPERCRITICAL PRESSURES
..THERMAL CONDUCTIVITY
..THERMAL DIFFUSION
..THERMAL DIFFUSIVITY
..THERMAL STABILITY
..VAPOR PRESSURE
..VOLATILITY
RT PELTIER EFFECTS
% PROPERTIES
SEEBECK EFFECT
SURFACE ENERGY
THERMAL EXPANSION
THERMOCHEMISTRY

THERMOPHYSICS
USE THERMODYNAMICS

THERMOPILES
0302 1002 1413 3304
GS THERMOCOUPLES
#THERMOPILES
TRANSDUCERS
#THERMOPILES
RT DICKE RADIOMETERS
INDICATING INSTRUMENTS
TEMPERATURE MEASURING INSTRUMENTS
THERMOELECTRICITY

THERMOPLASTIC FILMS
1702
GS PLASTICS
.SYNTHETIC RESINS
..THERMOPLASTIC RESINS
..#THERMOPLASTIC FILMS
RESINS
.SYNTHETIC RESINS
..THERMOPLASTIC RESINS
..#THERMOPLASTIC FILMS
RT % FILMS

THERMOPLASTIC RESINS
1804 1805 1808 1809
GS PLASTICS
.SYNTHETIC RESINS
.#THERMOPLASTIC RESINS
...PEEK
...QUINOXALINES
...THERMOPLASTIC FILMS
RESINS
.SYNTHETIC RESINS
.#THERMOPLASTIC RESINS
...PEEK
...QUINOXALINES
...THERMOPLASTIC FILMS
RT ACRYLIC RESINS
GLASS FIBER REINFORCED PLASTICS

POLYETHYLENES
POLYMER BLENDS
POLYSTYRENE
THERMOPLASTICITY
THERMOSETTING RESINS
VULCANIZED ELASTOMERS

THERMOPLASTICITY
1809 3203 3303 3501
GS MECHANICAL PROPERTIES
.PLASTIC PROPERTIES
.#THERMOPLASTICITY
RT BOUGUER LAW
TEMPERATURE EFFECTS
THERMOPLASTIC RESINS

THERMORECEPTORS
0408 1409 3303
GS ANATOMY
.SENSE ORGANS
.#THERMORECEPTORS
RECEPTORS (PHYSIOLOGY)
#THERMORECEPTORS
RT BODY TEMPERATURE
SENSITOMETRY
SKIN (ANATOMY)
THERMOREGULATION

THERMOREGULATION
0405 0408 3303 3304
UF BODY TEMPERATURE REGULATION
RT BODY TEMPERATURE
COLD TOLERANCE
HIBERNATION
HOMEOSTASIS
HYPERTHERMIA
HYPOTHERMIA
METABOLISM
PHYSIOLOGY
REGULATORY MECHANISMS (BIOLOGY)
TEMPERATURE CONTROL
THERMORECEPTORS

THERMOSETTING RESINS
1504 1809 1810 3303
GS PLASTICS
.SYNTHETIC RESINS
.#THERMOSETTING RESINS
...EPOXY RESINS
....PHENOLIC EPOXY RESINS
...FURAN RESINS
....POLYAMIDE RESINS
.....KEVLAR (TRADEMARK)
...PHENOLIC RESINS
....MICARTA
....PHENOLIC EPOXY RESINS
RESINS
.SYNTHETIC RESINS
.#THERMOSETTING RESINS
...EPOXY RESINS
....PHENOLIC EPOXY RESINS
...FURAN RESINS
....POLYAMIDE RESINS
.....KEVLAR (TRADEMARK)
...PHENOLIC RESINS
....MICARTA
....PHENOLIC EPOXY RESINS
RT BAKELITE (TRADEMARK)
COMPOSITE MATERIALS
FORMICA
GLASS FIBER REINFORCED PLASTICS
LAMINATES
POLYESTER RESINS
REINFORCED PLASTICS
SILICONE RESINS
THERMOPLASTIC RESINS

THERMOSIPHONS
1204 1504 3303 3304
GS REGENERATORS
#THERMOSIPHONS
RT CONVECTIVE HEAT TRANSFER
FREE CONVECTION
% RADIATORS
SIPHONING

THERMOSPHERE
1302 2003 3303 3009
SN (ALTITUDES ABOVE APPROXIMATELY 80 KM)
GS EARTH ATMOSPHERE
.UPPER ATMOSPHERE
.#THERMOSPHERE
...TURBOPAUSE
RT CHEMOSPHERE
EARTH IONOSPHERE
EARTH MAGNETOSPHERE
EXOSPHERE
HETEROSPHERE
HOMOSPHERE

THERMOSTABILITY
USE THERMAL STABILITY

THERMOSTATS
0503 0504 1003 1408 3303 3304 3501
GS CONTROL EQUIPMENT
#THERMOSTATS
REGULATORS
#THERMOSTATS
SWITCHES
.ELECTRIC SWITCHES
.#THERMOSTATS
RT AUTOMATIC CONTROL
CONTROLLERS
CRYOSTATS
TEMPERATURE CONTROL
TEMPERATURE MEASURING INSTRUMENTS

THERMOTROPISM
USE ANISOTROPY
TEMPERATURE EFFECTS

THERMOVISCOELASTICITY
1202 1809 3303 3304 3501
GS MECHANICAL PROPERTIES
.ELASTIC PROPERTIES
..VISCOELASTICITY
..#THERMOVISCOELASTICITY
RT IRREVERSIBLE PROCESSES
STRESS-STRAIN-TIME RELATIONS

THESAURI
3405
RT INDEXES (DOCUMENTATION)
INFORMATION RETRIEVAL
KWIC INDEXES
NOMENCLATURES
SPACE GLOSSARIES
TERMINOLOGY
TERMS
WORDS (LANGUAGE)

THESES
1902 2311 3406
GS DOCUMENTS
#THESES
RT HYPOTHESES

THETA PINCH
1202 1203 2202 2502 3303
GS PINCH EFFECT
.PLASMA PINCH
.#THETA PINCH
RT LASER PLASMA INTERACTIONS
PLASMA COMPRESSION
ROTATING PLASMAS
SCREW PINCH
ZETA PINCH

THIAMINE
0403 0405 1808
UF VITAMIN B
GS ORGANIC COMPOUNDS
.COENZYMES

.#THIAMINE
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#THIAMINE
VITAMINS
#THIAMINE

THIAZINE (TRADEMARK)
1808 1811
GS DYES
#THIAZINE (TRADEMARK)
NITROGEN COMPOUNDS
#THIAZINE (TRADEMARK)
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#THIAZINE (TRADEMARK)
SULFUR COMPOUNDS
#THIAZINE (TRADEMARK)

THICK FILMS
1503 1704 1802
RT ELECTRONIC PACKAGING
% FILMS
INTEGRATED CIRCUITS
MICROMINIATURIZATION
PRINTED CIRCUITS
SEMICONDUCTING FILMS
SUPERCONDUCTING FILMS
THIN FILMS

THICK PLATES
0101
RT FLAT PLATES
METAL PLATES
% PLATES
PLATES (STRUCTURAL MEMBERS)
% SHEETS
THICKNESS
THIN PLATES

THICK WALLS
1202 3203
GS WALLS
#THICK WALLS
RT BOILER PLATE
BULKHEADS
REINFORCEMENT (STRUCTURES)
STRUCTURAL MEMBERS
THIN WALLS
WALL PRESSURE
WALL TEMPERATURE

% THICKENERS
0603 1202
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT THICKENERS (EQUIPMENT)
THICKENERS (MATERIALS)

THICKENERS (EQUIPMENT)
1202
GS SEPARATORS
.CLASSIFIERS
.#THICKENERS (EQUIPMENT)
RT COALESCING
PRECIPITATORS
% THICKENERS

THICKENERS (MATERIALS)
0602
RT ADDITIVES
GELS
GREASES
% MATERIALS
% THICKENERS

THICKNESS
3408
RT AIRFOIL PROFILES
DEPTH
DIAMETERS
DIMENSIONS
FILM THICKNESS
LENGTH
OPTICAL THICKNESS
SPACING
TARGET THICKNESS
THICK PLATES
THICKNESS RATIO
VOLUME

THICKNESS RATIO
0101 3203
GS RATIOS
#THICKNESS RATIO
RT AIRFOIL PROFILES
AIRFOILS
FINENESS RATIO
THICKNESS
THIN AIRFOILS
THIN WINGS

THIGH
0404 0405
GS ANATOMY
#THIGH
RT LEG (ANATOMY)

THIN AIRFOILS
0101 0102 0104 3203
GS AIRFOILS
#THIN AIRFOILS
..THIN WINGS
...INFINITE SPAN WINGS
RT AIRFOIL PROFILES
THICKNESS RATIO

% THIN BODIES
0101 0102 0104 3203
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT SLENDER BODIES
THIN PLATES
THIN WALLS
THIN WINGS

THIN FILMS
1503 1506 1704 1802
SN (SOLID STATE PHYSICS AND ELECTRONICS)
GS #THIN FILMS
.DIAMOND FILMS
.ENERGY ABSORPTION FILMS
.FERROMAGNETIC FILMS
.MONOMOLECULAR FILMS
..LANGMUIR-BLODGETT FILMS
RT AMORPHOUS SILICON
ATOMIC FORCE MICROSCOPY
COATINGS
COMPUTER STORAGE DEVICES
ELECTROCHROMISM
ELECTRODE FILM BARRIERS
% FILMS
HETEROJUNCTIONS
INTEGRATED CIRCUITS
INTEGRATED OPTICS
ION PLATING
METAL FILMS
MICROCHANNEL PLATES
MICROMINIATURIZATION
MINIATURE ELECTRONIC EQUIPMENT
MOLECULAR ELECTRONICS
OXIDE FILMS
PARAMETRONS
PELLICLE
PLATING
PRAETERSONIC DEVICES
RECTIFIERS
SEMICONDUCTING FILMS
SILICON FILMS
SOLID STATE DEVICES
% SOLID STATE PHYSICS

```
      SPUTTERING GAGES
      SQUEEZE FILMS
      SUPERCONDUCTING FILMS
      THICK FILMS
      WAFERS
      YBCO SUPERCONDUCTORS
      YTTRIA-STABILIZED ZIRCONIA

THIN LAYER CHROMATOGRAPHY
  0403 0601 0602
  GS  CHEMICAL TESTS
      .CHEMICAL ANALYSIS
      ..CHROMATOGRAPHY
      ..#THIN LAYER CHROMATOGRAPHY
  RT  GAS CHROMATOGRAPHY
      MONOMOLECULAR FILMS

THIN PLATES
  0101 0102 3203
  SN  (EXCLUDES THIN SURFACE COATINGS
      AND FILMS)
  RT  DIAPHRAGMS (MECHANICS)
      FLAT PLATES
      FOILS (MATERIALS)
      METAL PLATES
      PANELS
      PARALLEL PLATES
    % PLATES
      PLATES (STRUCTURAL MEMBERS)
    % SHEETS
      THICK PLATES
    % THIN BODIES

THIN WALLED SHELLS
  0101 0102 3203
  GS  SHELLS (STRUCTURAL FORMS)
      #THIN WALLED SHELLS
  RT  CYLINDRICAL SHELLS
      MEMBRANE STRUCTURES
      METAL SHELLS
      ORTHOTROPIC SHELLS
      REINFORCED SHELLS
      SKIN (STRUCTURAL MEMBER)
      SPHERICAL SHELLS
      STRESSED-SKIN STRUCTURES
      TOROIDAL SHELLS

THIN WALLS
  0101 0102 3203
  GS  WALLS
      #THIN WALLS
  RT  BULKHEADS
      DIAPHRAGMS (MECHANICS)
      PARTITIONS (STRUCTURES)
      SKIN (STRUCTURAL MEMBER)
      THICK WALLS
    % THIN BODIES

THIN WINGS
  0102 0104 0202 3203
  GS  AIRFOILS
      .THIN AIRFOILS
      .#THIN WINGS
      ...INFINITE SPAN WINGS
      .WINGS
      .#THIN WINGS
      ...INFINITE SPAN WINGS
  RT  AIRFOIL PROFILES
      FIXED WINGS
      FLEXIBLE WINGS
      THICKNESS RATIO
    % THIN BODIES
      UNCAMBERED WINGS

THINNERS
  USE SOLVENTS

THIOLS
  1808
  UF  DITHIOLS
      MERCAPTAN
      MERCAPTO COMPOUNDS
  GS  SULFUR COMPOUNDS
      #THIOLS
      ..CYSTEINE
      ..DIMERCAPROL
  RT  ALCOHOLS
    % CHEMICAL COMPOUNDS
      PHENOLS

THIOPLASTICS
  1805 1808 1809 1810
  GS  RUBBER
      .SYNTHETIC RUBBERS
      ..ELASTOMERS
      ..#THIOPLASTICS
  RT  PLASTICS
      SULFIDES

THIOUREAS
  0403 1808
  GS  NITROGEN COMPOUNDS
      .AMIDES
      ..UREAS
      ..#THIOUREAS

THIURONIUM
  0401 0411 1808
  GS  AMINES
      #THIURONIUM
      NITROGEN COMPOUNDS
      .AMIDES
      ..UREAS
      ..#THIURONIUM

THIXOTROPIC PROPELLANTS
  USE GELLED ROCKET PROPELLANTS

THIXOTROPY
  1202 2312
  RT  GELATION
      GELS
      LIQUEFACTION
      NONNEWTONIAN FLOW
    % PHYSICAL PROPERTIES
      SEMISOLIDS
      SOLUBILITY
      VISCOSITY

THOMAS-FERMI MODEL
  2304 2401
  UF  THOMAS-FERMI THEORY
  GS  MODELS
      .MATHEMATICAL MODELS
      .#THOMAS-FERMI MODEL
  RT  ATOMIC STRUCTURE
      ELECTRON DISTRIBUTION
      PLASMA COMPOSITION
      QUANTUM STATISTICS

THOMAS-FERMI THEORY
  USE THOMAS-FERMI MODEL

THOMSON EFFECT
  USE THERMOELECTRICITY

THOMSON SCATTERING
  0710 2309 2311 3407
  GS  SCATTERING
      .WAVE SCATTERING
      ..ELECTROMAGNETIC SCATTERING
      ..#THOMSON SCATTERING
  RT  ELECTROMAGNETIC RADIATION

THOR ABLE ROCKET VEHICLE
  3103 3106 3401 3409
  GS  LAUNCH VEHICLES
      .THOR LAUNCH VEHICLES
      .#THOR ABLE ROCKET VEHICLE
      .THORAD LAUNCH VEHICLES
      .#THOR ABLE ROCKET VEHICLE
      ROCKET VEHICLES
      .MULTISTAGE ROCKET VEHICLES
      ..THOR LAUNCH VEHICLES
      ..#THOR ABLE ROCKET VEHICLE
```

.THORAD LAUNCH VEHICLES
.#THOR ABLE ROCKET VEHICLE
RT EXPLORER 6 SATELLITE
LIQUID PROPELLANT ROCKET ENGINES
PIONEER 1 SPACE PROBE
PIONEER 5 SPACE PROBE
SOLID PROPELLANT ROCKET ENGINES
TIROS 1 SATELLITE

THOR AGENA LAUNCH VEHICLE
3103 3106
GS LAUNCH VEHICLES
.THOR LAUNCH VEHICLES
.#THOR AGENA LAUNCH VEHICLE
.THORAD LAUNCH VEHICLES
.#THOR AGENA LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..THOR LAUNCH VEHICLES
..#THOR AGENA LAUNCH VEHICLE
.THORAD LAUNCH VEHICLES
.#THOR AGENA LAUNCH VEHICLE
RT AGENA A ROCKET VEHICLE
AGENA B RANGER PROGRAM
AGENA ROCKET VEHICLES
DISCOVERER SATELLITES
EXPLORER 31 SATELLITE
EXPLORER 34 SATELLITE
EXPLORER 35 SATELLITE
EXPLORER 36 SATELLITE
LIQUID PROPELLANT ROCKET ENGINES
NIMBUS SATELLITES
NIMBUS 1 SATELLITE
NIMBUS 2 SATELLITE
OGO-3

THOR DELTA LAUNCH VEHICLE
3103 3106
UF ECHO 1 CARRIER ROCKET
GS LAUNCH VEHICLES
.THOR LAUNCH VEHICLES
.#THOR DELTA LAUNCH VEHICLE
.THORAD LAUNCH VEHICLES
.#THOR DELTA LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
..THOR LAUNCH VEHICLES
..#THOR DELTA LAUNCH VEHICLE
.THORAD LAUNCH VEHICLES
.#THOR DELTA LAUNCH VEHICLE
RT ARIEL SATELLITES
ECHO 1 SATELLITE
EXPLORER SATELLITES
LIQUID PROPELLANT ROCKET ENGINES
OSO
RELAY SATELLITES
SOLID PROPELLANT ROCKET ENGINES
SYNCOM SATELLITES
TELSTAR SATELLITES

THOR LAUNCH VEHICLES
3103 3106
GS LAUNCH VEHICLES
#THOR LAUNCH VEHICLES
..THOR ABLE ROCKET VEHICLE
..THOR AGENA LAUNCH VEHICLE
..THOR DELTA LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
.#THOR LAUNCH VEHICLES
...THOR ABLE ROCKET VEHICLE
...THOR AGENA LAUNCH VEHICLE
...THOR DELTA LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
SOLID PROPELLANT ROCKET ENGINES
THORAD LAUNCH VEHICLES
% VEHICLES

THORAD LAUNCH VEHICLES
3103
GS LAUNCH VEHICLES
#THORAD LAUNCH VEHICLES
..THOR ABLE ROCKET VEHICLE
..THOR AGENA LAUNCH VEHICLE
..THOR DELTA LAUNCH VEHICLE
ROCKET VEHICLES
#THORAD LAUNCH VEHICLES
..THOR ABLE ROCKET VEHICLE
..THOR AGENA LAUNCH VEHICLE
..THOR DELTA LAUNCH VEHICLE
RT LIQUID PROPELLANT ROCKET ENGINES
THOR LAUNCH VEHICLES
% VEHICLES

THORAX
0404 0405
GS ANATOMY
#THORAX
RT CHEST
DIAPHRAGM (ANATOMY)
STERNUM
VISCERA

THORIUM
1703 2406
GS CHEMICAL ELEMENTS
.ACTINIDE SERIES
.#THORIUM
...THORIUM ISOTOPES
METALS
.ACTINIDE SERIES
.#THORIUM
...THORIUM ISOTOPES
RT NUCLEAR FUELS

THORIUM ALLOYS
1701 1704
GS ALLOYS
#THORIUM ALLOYS
RT NUCLEAR FUELS

THORIUM COMPOUNDS
0603
GS ACTINIDE SERIES COMPOUNDS
#THORIUM COMPOUNDS
..THORIUM FLUORIDES
..THORIUM OXIDES
RT CERAMIC NUCLEAR FUELS
% CHEMICAL COMPOUNDS
% METAL COMPOUNDS
NUCLEAR FUELS

THORIUM FLUORIDES
0603 1804
GS ACTINIDE SERIES COMPOUNDS
.THORIUM COMPOUNDS
.#THORIUM FLUORIDES
HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORIDES
...METAL FLUORIDES
...#THORIUM FLUORIDES

THORIUM ISOTOPES
0603 1703 2406
UF THORIUM 228
THORIUM 230
THORIUM 234
GS CHEMICAL ELEMENTS
.ACTINIDE SERIES
..THORIUM
..#THORIUM ISOTOPES
.NUCLIDES
..ISOTOPES
..#THORIUM ISOTOPES
METALS
.ACTINIDE SERIES
..THORIUM
..#THORIUM ISOTOPES

THORIUM OXIDES
0603
GS ACTINIDE SERIES COMPOUNDS
.THORIUM COMPOUNDS
.#THORIUM OXIDES

```
        CHALCOGENIDES
        .OXIDES
        ..METAL OXIDES
        ..#THORIUM OXIDES
  RT    DIOXIDES

THORIUM 228
  USE   THORIUM ISOTOPES

THORIUM 230
  USE   THORIUM ISOTOPES

THORIUM 234
  USE   THORIUM ISOTOPES

THORON
  USE   RADON ISOTOPES

THREADS
  1504 1811
  SN    (EXCLUDES TEXTILES AND FILAMENTARY
        FORMS)
  RT    BOLTS
        NUTS (FASTENERS)
        SCREWS

THREAT EVALUATION
  3401
  RT    AIRCRAFT HAZARDS
        AIRCRAFT SAFETY
        COLLISION AVOIDANCE
        MIDAIR COLLISIONS
        RADAR TRACKING
        WARNING SYSTEMS

THREE AXIS STABILIZATION
  3407
  GS    STABILIZATION
        #THREE AXIS STABILIZATION
  RT    INERTIAL PLATFORMS
        SATELLITE ATTITUDE CONTROL
        SATELLITE ORIENTATION
        STABILIZED PLATFORMS

THREE BODY PROBLEM
  1901 1902 2308 3006 3009
  RT    CELESTIAL MECHANICS
        FOUR BODY PROBLEM
        MANY BODY PROBLEM
        ORBITS
        PERTURBATION
      % PROBLEMS
        TRIPLE STARS
        TROJAN ORBITS
        TWO BODY PROBLEM

THREE DIMENSIONAL BODIES
  0603 0102
  RT    AERODYNAMIC CONFIGURATIONS
      % BODIES
        BOUNDARY VALUE PROBLEMS
        FLOW DISTRIBUTION

THREE DIMENSIONAL BOUNDARY LAYER
  0101 0102 1202 1203
  GS    BOUNDARY LAYERS
        #THREE DIMENSIONAL BOUNDARY LAYER
  RT    AXISYMMETRIC FLOW
        BOUNDARY LAYER TRANSITION
        COMPRESSIBLE BOUNDARY LAYER
        LAMINAR BOUNDARY LAYER
      % LAYERS
        SECONDARY FLOW
        TURBULENT BOUNDARY LAYER
        VELOCITY DISTRIBUTION

THREE DIMENSIONAL COMPOSITES
  1704 1805
  GS    COMPOSITE MATERIALS
        #THREE DIMENSIONAL COMPOSITES
  RT    BRAIDED COMPOSITES
        FIBER COMPOSITES
      % MATERIALS
        WOVEN COMPOSITES

THREE DIMENSIONAL FLOW
  1202 1203
  GS    FLUID FLOW
        .PARALLEL FLOW
        .#THREE DIMENSIONAL FLOW
        TRANSLATIONAL MOTION
        .THREE DIMENSIONAL MOTION
        .#THREE DIMENSIONAL FLOW
        ...KARMAN-BODEWADT FLOW
        ...SECONDARY FLOW
  RT    AXIAL FLOW
        CONICAL FLOW
        FLOW GEOMETRY
        HELICAL FLOW
        ONE DIMENSIONAL FLOW
        ROSHKO PREDICTION
        SPHERICAL WAVES
        TWO DIMENSIONAL FLOW
        WEDGE FLOW

THREE DIMENSIONAL MODELS
  0804 1106 1107 1108 1902 3501
  GS    MODELS
        #THREE DIMENSIONAL MODELS
  RT    COMPUTATIONAL GRIDS
        COMPUTER AIDED DESIGN
        COMPUTERIZED SIMULATION
        MATHEMATICAL MODELS
        TWO DIMENSIONAL MODELS

THREE DIMENSIONAL MOTION
  1901 2308 3203
  GS    TRANSLATIONAL MOTION
        #THREE DIMENSIONAL MOTION
        ..THREE DIMENSIONAL FLOW
        ...KARMAN-BODEWADT FLOW
        ...SECONDARY FLOW
  RT    DEGREES OF FREEDOM
        OPTICAL FLOW (IMAGE ANALYSIS)

THRESHOLD CURRENTS
  0902 1001 2302 2304
  GS    ELECTRIC CURRENT
        #THRESHOLD CURRENTS
  RT    LASERS
        THRESHOLD VOLTAGE
      % THRESHOLDS

THRESHOLD DETECTORS (DOSIMETERS)
  1409 2203 2403
  GS    MEASURING INSTRUMENTS
        .RADIATION MEASURING INSTRUMENTS
        ..RADIATION DETECTORS
        ...DOSIMETERS
        ...#THRESHOLD DETECTORS
            (DOSIMETERS)
  RT    IONIZATION CHAMBERS
      % THRESHOLDS

THRESHOLD GATES
  0801 1001 1201
  GS    CIRCUITS
        .DIGITAL ELECTRONICS
        ..LOGIC CIRCUITS
        ..#THRESHOLD GATES
        .GATES (CIRCUITS)
        .#THRESHOLD GATES
  RT  % THRESHOLDS
        TRIGGER CIRCUITS

THRESHOLD LOGIC
  0802 1001 1201
  GS    MATHEMATICAL LOGIC
        .SET THEORY
        .#THRESHOLD LOGIC
  RT    GATES (CIRCUITS)
      % LOGIC
        LOGIC CIRCUITS
      % THRESHOLDS
        TRANSISTOR LOGIC
```

TRIGGER CIRCUITS

THRESHOLD SHIFT
USE THRESHOLDS

THRESHOLD VOLTAGE
1002 2602
GS POTENTIAL ENERGY
.ELECTRIC POTENTIAL
.#THRESHOLD VOLTAGE
RT PHOTOVOLTAGES
PHOTOVOLTAIC EFFECT
SEMICONDUCTOR JUNCTIONS
SILICON JUNCTIONS
SOLID STATE DEVICES
THRESHOLD CURRENTS
% THRESHOLDS
VOLT-AMPERE CHARACTERISTICS

% THRESHOLDS
1406 1409 2311 0408 0410
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF THRESHOLD SHIFT
RT DOORS
ENTRANCES
NOISE THRESHOLD
RESOLUTION
RESPONSES
SENSITIVITY
THRESHOLD CURRENTS
THRESHOLD DETECTORS (DOSIMETERS)
THRESHOLD GATES
THRESHOLD LOGIC
THRESHOLD VOLTAGE
THRESHOLDS (PERCEPTION)

THRESHOLDS (PERCEPTION)
0408 0410
RT ACUITY
ADAPTATION
AUDIOMETRY
AUDITORY PERCEPTION
AUDITORY SENSATION AREAS
AUDITORY STIMULI
CHRONAXY
% FREQUENCY RESPONSE
HEARING
LIGHT ADAPTATION
LIMEN
NEUROLOGY
PERCEPTION
PHOTOSENSITIVITY
SENSITIVITY
% THRESHOLDS
VISION
VISUAL PERCEPTION

THROATS
1202 1504 2501 2806
SN (NON BIOLOGICAL)
RT CARBURETORS
% CHANNELS
CHOKES (RESTRICTIONS)
DUCTS
NOZZLE GEOMETRY
NOZZLE INSERTS
NOZZLE WALLS
ORIFICES

THROMBIN
0403 1808
GS BIOPOLYMERS
.PROTEINS
..ENZYMES
..#THROMBIN
BODY FLUIDS
.BLOOD
.#THROMBIN
ORGANIC COMPOUNDS
.PROTEINS
..ENZYMES
..#THROMBIN
RT BLOOD COAGULATION
FIBRIN
FIBRINOGEN
HEMOSTATICS
PROTHROMBIN
THROMBOPLASTIN

THROMBOCYTES
0404 0406
RT BLOOD COAGULATION
CLOTTING

THROMBOPENIA
0404 0405
GS DISEASES
#THROMBOPENIA
RT COAGULATION

THROMBOPLASTIN
0404 0406
GS BODY FLUIDS
.BLOOD
.#THROMBOPLASTIN
RT BLOOD COAGULATION
CLOTTING
HEMOSTATICS
HOMEOSTASIS
PLATELETS
THROMBIN

THROMBOSIS
0405 0408
GS DISEASES
#THROMBOSIS
RT BLOOD COAGULATION
INFARCTION
MYOCARDIAL INFARCTION

THROTTLING
1504
RT JOULE-THOMSON EFFECT
VARIABLE THRUST

THROWING
1504 3407
RT EJECTION
SPREADING

THRUST
0101 0201 1202 2311 2801 2808
UF THRUST POWER
GS #THRUST
.HIGH THRUST
.JET THRUST
.LEADING EDGE THRUST
.LOW THRUST
..MICROTHRUST
.ROCKET THRUST
..RETROTHRUST
.STATIC THRUST
.VARIABLE THRUST
RT ACCELERATION (PHYSICS)
AUXILIARY PROPULSION
BURNING TIME
DUAL THRUST NOZZLES
% FORCE
JET ENGINES
NOZZLE THRUST COEFFICIENTS
% POWER
PROPULSION
% REACTION
ROCKET ENGINES
ROCKET PROPELLANTS
SPECIFIC IMPULSE

THRUST AUGMENTATION
0101 2802 2805 2808 3106
GS AUGMENTATION
#THRUST AUGMENTATION
RT AFTERBURNING
COANDA EFFECT

```
        HIGH THRUST
        SECONDARY INJECTION
        SHROUDED PROPELLERS
        VARIABLE THRUST
        WATER INJECTION

THRUST BEARINGS
  1501 1503 2805 2808
  GS    BEARINGS
        #THRUST BEARINGS
  RT    ANTIFRICTION BEARINGS
        BALL BEARINGS
        GAS BEARINGS
        ROLLER BEARINGS

THRUST CHAMBER PRESSURE
  0401 0501 0502 0504 0506 2808
  GS    PRESSURE
        #THRUST CHAMBER PRESSURE

THRUST CHAMBERS
  2805 2806 2808 3301
  UF    ROCKET CHAMBERS
  RT    ARC CHAMBERS
      % CHAMBERS
        COMBUSTION CHAMBERS
        DIVERGENT NOZZLES
        ROCKET ENGINE CASES

THRUST CONTROL
  2102 2807
  GS   #THRUST CONTROL
        .THRUST VECTOR CONTROL
  RT    ATTITUDE CONTROL
      % CONTROL
        CONTROL ROCKETS
        ENGINE CONTROL
        JET CONTROL
      % REACTION CONTROL
        ROCKET ENGINE CONTROL
        SATELLITE CONTROL
        TURBOJET ENGINE CONTROL
        VARIABLE THRUST

THRUST DISTRIBUTION
  0101
  RT    AERODYNAMIC FORCES
      % DISTRIBUTION
        FORCE DISTRIBUTION
        LEADING EDGES
        PRESSURE DISTRIBUTION
        VORTICES
        WING PLANFORMS

THRUST FAULTS
  USE   GEOLOGICAL FAULTS

THRUST LOADS
  2805 2808 3106
  GS    LOADS (FORCES)
        .DYNAMIC LOADS
        .#THRUST LOADS
  RT    AERODYNAMIC LOADS
        AXIAL COMPRESSION LOADS
        AXIAL LOADS
        COMPRESSION LOADS
        JET THRUST
        ROCKET THRUST
        STRUCTURAL DESIGN CRITERIA

THRUST MEASUREMENT
  1406 2805 2808 3501
  GS    MECHANICAL MEASUREMENT
        #THRUST MEASUREMENT
  RT    ACCELEROMETERS
        DYNAMOMETERS
      % FORCE
      % MEASUREMENT

THRUST POWER
  USE   THRUST

THRUST PROGRAMMING
  0802 0803 1904 2805 2808
  UF    OPTIMUM THRUST PROGRAMMING
  GS    PROGRAMMING (SCHEDULING)
        #THRUST PROGRAMMING
  RT    FLIGHT MECHANICS
        FLIGHT OPTIMIZATION
        FLIGHT PLANS
        ORBITAL MECHANICS
        PARKING ORBITS
        PROPULSIVE EFFICIENCY
        TRAJECTORY CONTROL

THRUST REVERSAL
  2805 2808
  RT    AIRCRAFT BRAKES
        BRAKES (FOR ARRESTING MOTION)
        BRAKING
        DECELERATION

THRUST TERMINATION
  2805 2808 3106
  GS    STOPPING
        #THRUST TERMINATION
  RT    BURNOUT
        ROCKET THRUST
        STAGE SEPARATION
        VARIABLE THRUST

THRUST VECTOR CONTROL
  2102 2805 2808 3102 3110
  UF    TVC (CONTROL)
  GS    ATTITUDE CONTROL
        .DIRECTIONAL CONTROL
        .#THRUST VECTOR CONTROL
        FLIGHT CONTROL
        #THRUST VECTOR CONTROL
        THRUST CONTROL
        #THRUST VECTOR CONTROL
  RT    AIR SLEW MISSILES
        AUTOMATIC CONTROL
        AUTOMATIC FLIGHT CONTROL
      % CONTROL
        GUIDE VANES
        GYROSTABILIZERS
        JET VANES
        LIQUID INJECTION
        MANEUVERABLE SPACECRAFT
        MISSILE CONTROL
        NOZZLE THRUST COEFFICIENTS
        ROCKET ENGINES
        SECONDARY INJECTION
        SPACECRAFT CONTROL
        VARIABLE THRUST
        VERNIER ENGINES

THRUST-WEIGHT RATIO
  0101 1406 2805 2808 3501
  GS    RATIOS
        #THRUST-WEIGHT RATIO
  RT    ACCELERATION (PHYSICS)
        MASS RATIOS
        PRESSURE RATIO
        ROCKET ENGINES

% THRUSTORS
  2808
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    ION ENGINES
        ROCKET ENGINES

THULIUM
  1703
  GS    CHEMICAL ELEMENTS
        .RARE EARTH ELEMENTS
        .#THULIUM
        ...THULIUM ISOTOPES
        METALS
        .RARE EARTH ELEMENTS
        .#THULIUM
        ...THULIUM ISOTOPES
```

```
THULIUM COMPOUNDS
  0603 1804
  GS   RARE EARTH COMPOUNDS
       #THULIUM COMPOUNDS
  RT % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

THULIUM ISOTOPES
  2406
  UF   THULIUM 171
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#THULIUM ISOTOPES
       .RARE EARTH ELEMENTS
       ..THULIUM
       ..#THULIUM ISOTOPES
       METALS
       .RARE EARTH ELEMENTS
       ..THULIUM
       ..#THULIUM ISOTOPES

THULIUM 171
  USE  THULIUM ISOTOPES

THUNDERCHIEF AIRCRAFT
  USE  F-105 AIRCRAFT

THUNDERSTORMS
  1301 1302 2001 2003
  GS   STORMS
       .STORMS (METEOROLOGY)
       ..RAINSTORMS
       ..#THUNDERSTORMS
  RT   ANVIL CLOUDS
       ARC CLOUDS
       ATMOSPHERICS
       CIRROCUMULUS CLOUDS
       CIRROSTRATUS CLOUDS
       CLOUDS (METEOROLOGY)
       COLD FRONTS
       CUMULONIMBUS CLOUDS
       DOWNBURSTS
       FRONTS (METEOROLOGY)
       HAIL
       HAILSTORMS
       LIGHTNING
       LIGHTNING SUPPRESSION
       MICROBURSTS (METEOROLOGY)
       RAIN
       STORM DAMAGE
       WARM FRONTS
       WIND (METEOROLOGY)

THYMIDINE
  0403 1808
  GS   ACIDS
       #THYMIDINE
       BASES (CHEMICAL)
       #THYMIDINE
       ORGANIC COMPOUNDS
       .CYCLIC COMPOUNDS
       ..HETEROCYCLIC COMPOUNDS
       ...PYRIMIDINES
       ...#THYMIDINE
  RT   ALLOXAN
       DEOXYRIBONUCLEIC ACID
       NUCLEOSIDES

THYMINE
  0403 1808
  GS   ACIDS
       #THYMINE
       NITROGEN COMPOUNDS
       #THYMINE
       ORGANIC COMPOUNDS
       .CYCLIC COMPOUNDS
       ..HETEROCYCLIC COMPOUNDS
       ...PYRIMIDINES
       ...#THYMINE
  RT   ALLOXAN
       DEOXYRIBONUCLEIC ACID

THYMOL
  0405 1808
  GS   HYDROXYL COMPOUNDS
       .ALCOHOLS
       ..PHENOLS
       ..#THYMOL

THYMUS GLAND
  0404 0405
  GS   ANATOMY
       .GLANDS (ANATOMY)
       ..ENDOCRINE GLANDS
       ..#THYMUS GLAND

THYRATRONS
  2202 2403 2405 0905
  GS   ELECTRON TUBES
       .GAS DISCHARGE TUBES
       .#THYRATRONS
       MICROWAVE EQUIPMENT
       #THYRATRONS
       RECTIFIERS
       #THYRATRONS
  RT   CURRENT CONVERTERS (AC TO DC)
       SILICON CONTROLLED RECTIFIERS
       THYRISTORS

THYRISTORS
  0902 0905 0906
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SEMICONDUCTOR DEVICES
       ..#THYRISTORS
       ....SILICON CONTROLLED RECTIFIERS
       RECTIFIERS
       #THYRISTORS
       ..SILICON CONTROLLED RECTIFIERS
  RT   JUNCTION TRANSISTORS
       P-N-P-N JUNCTIONS
       THYRATRONS
       TRIGGER CIRCUITS
       TRIODES

THYROID GLAND
  0405 0408
  GS   ANATOMY
       .GLANDS (ANATOMY)
       ..ENDOCRINE GLANDS
       ..#THYROID GLAND
  RT   CALCIUM METABOLISM
       HYPOMETABOLISM
       THYROXINE

THYROXINE
  0403 1808
  GS   ACIDS
       .AMINO ACIDS
       .#THYROXINE
       ORGANIC COMPOUNDS
       .AMINO ACIDS
       .#THYROXINE
       SECRETIONS
       .ENDOCRINE SECRETIONS
       ..HORMONES
       ..#THYROXINE
  RT   THYROID GLAND

TIBET
  1305
  GS   NATIONS
       #TIBET
  RT   ASIA
       BHUTAN
       HIMALAYAS

TIBIA
  0404 0405
  GS   ANATOMY
       .MUSCULOSKELETAL SYSTEM
       ..BONES
       ..#TIBIA
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  RT   LEG (ANATOMY)

TID
  USE  TRAVELING IONOSPHERIC DISTURBANCES

TIDAL FLATS
  1305 1306
  GS   LANDFORMS
       .FLATS (LANDFORMS)
       .#TIDAL FLATS
  RT   AQUICULTURE
       COASTS
       ESTUARIES
       FISHERIES
       MARSHLANDS
       MUD
       OCEANS
       SHORELINES
       TIDES

TIDAL OSCILLATION
  USE  TIDES

TIDAL WAVES
  1308 2003
  GS   WATER WAVES
       #TIDAL WAVES
  RT   OCEAN CURRENTS
       OCEAN SURFACE
       OCEANOGRAPHY
       SEA BREEZE
       SEA ROUGHNESS
       SEISMOLOGY
       TSUNAMI WAVES
     % WAVES
       WIND (METEOROLOGY)

TIDE POWERED GENERATORS
  0301 0904 1310 2304
  RT   ELECTRIC GENERATORS
       ENERGY CONVERSION EFFICIENCY
     % GENERATORS
       OCEAN CURRENTS
       OCEAN SURFACE
       OCEANOGRAPHY
       OCEANS
       SEA ROUGHNESS
       TIDEPOWER
       TIDES
       WATERWAVE ENERGY CONVERSION
       WATERWAVE POWERED MACHINES

TIDE POWERED MACHINES
  1310 1504 2308 3404
  RT % MACHINERY
       OCEAN CURRENTS
       OCEAN SURFACE
       SEA ROUGHNESS
       TIDEPOWER
       TIDES
       WATERWAVE ENERGY CONVERSION
       WATERWAVE POWERED MACHINES

TIDEPOWER
  1301 1302 1310
  RT   CLEAN ENERGY
       EARTH RESOURCES
     % ENERGY SOURCES
       OCEAN CURRENTS
       OCEAN SURFACE
       OCEANOGRAPHY
       SEA ROUGHNESS
       TIDE POWERED GENERATORS
       TIDE POWERED MACHINES
       TIDES
       WATERWAVE ENERGY
       WATERWAVE ENERGY CONVERSION
       WATERWAVE POWERED MACHINES

TIDES
  1301 1302 1310 3009
  UF   TIDAL OSCILLATION
  GS  #TIDES
       .ATMOSPHERIC TIDES
       .EARTH TIDES
       .LUNAR TIDES
  RT   COASTAL CURRENTS
       ESTUARIES
       FLOOD DAMAGE
       FLOODS
       OCEAN CURRENTS
       OCEAN SURFACE
       OCEANOGRAPHY
       PRESSURE ICE
       SEA ROUGHNESS
       TIDAL FLATS
       TIDE POWERED GENERATORS
       TIDE POWERED MACHINES
       TIDEPOWER
       WATER CURRENTS
       WATERWAVE ENERGY CONVERSION
       WATERWAVE POWERED MACHINES
       WETLANDS

TIEBOLTS
  1504
  GS   FASTENERS
       .BOLTS
       .#TIEBOLTS

TIG WELDING
  USE  GAS TUNGSTEN ARC WELDING

TIGHTNESS
  3408
  RT   CLEARANCES
       CLOSURES
       PROXIMITY

TILES
  1801
  RT   CERAMICS
       FLOORS
       GROUT
       LUDOX (TRADEMARK)
       MASONRY
       WALLS

TILT
  USE  ATTITUDE (INCLINATION)

TILT ROTOR AIRCRAFT
  0201
  GS   V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       .#TILT ROTOR AIRCRAFT
       ...V-22 AIRCRAFT
       ...XV-15 AIRCRAFT
  RT % AIRCRAFT
       HELICOPTERS
       TILTING ROTORS

TILT ROTOR RESEARCH AIRCRAFT PROGRAM
  0102 0104 0202 0206 3409
  GS   PROGRAMS
       .NASA PROGRAMS
       .#TILT ROTOR RESEARCH AIRCRAFT
         PROGRAM
  RT % AIRCRAFT
       HELICOPTERS
       ROTARY WINGS
       V-22 AIRCRAFT
       XV-15 AIRCRAFT

TILT WING AIRCRAFT
  0104 0201 0209
  UF   PIVOTED WING AIRCRAFT
  GS  #TILT WING AIRCRAFT
       .CL-84 AIRCRAFT
       .L-29 JET TRAINER
       .VZ-2 AIRCRAFT
       .XC-142 AIRCRAFT
  RT % AIRCRAFT
       FAN IN WING AIRCRAFT
       RESEARCH AIRCRAFT
```

SHORT TAKEOFF AIRCRAFT
V-22 AIRCRAFT
V/STOL AIRCRAFT
VERTICAL TAKEOFF AIRCRAFT
X-22 AIRCRAFT

TILTED PROPELLERS
0101 0102 0104
GS PROPELLERS
#TILTED PROPELLERS
RT HELICOPTER PROPELLER DRIVE

TILTING
USE ATTITUDE (INCLINATION)

TILTING ROTORS
0102 0104 0202 1504
GS AIRFOILS
.WINGS
..ROTARY WINGS
..#TILTING ROTORS
ROTATING BODIES
.ROTORS
..ROTARY WINGS
..#TILTING ROTORS
RT TILT ROTOR AIRCRAFT
V-22 AIRCRAFT
XV-3 AIRCRAFT

TILTMETERS
1306
GS MEASURING INSTRUMENTS
#TILTMETERS
RT ATTITUDE (INCLINATION)
GEOPHYSICS
SEISMOGRAPHS

TIMBER IDENTIFICATION
0409 3407
GS IDENTIFYING
#TIMBER IDENTIFICATION
RECOGNITION
#TIMBER IDENTIFICATION
RT CONIFERS
CROP IDENTIFICATION
DECIDUOUS TREES
EARTH RESOURCES
EVALUATION
FORESTS
TREES (PLANTS)

TIMBER INVENTORY
0409
GS INVENTORIES
#TIMBER INVENTORY
RT AERIAL PHOTOGRAPHY
EARTH RESOURCES
FOREST MANAGEMENT
FORESTS
INFRARED PHOTOGRAPHY
PHOTOGRAPHY
REFORESTATION
SATELLITE-BORNE PHOTOGRAPHY
TREES (PLANTS)

TIMBER VIGOR
0409
RT FOLIAGE
FORESTS
GROWTH
TIMBERLINE
TREES (PLANTS)

TIMBERLINE
0409
RT DENDROCHRONOLOGY
FORESTS
GROWTH
HIGH ALTITUDE ENVIRONMENTS
POLAR REGIONS
TIMBER VIGOR
TREES (PLANTS)

TIME
2311 3406 3009
UF DURATION
GS #TIME
.ACCESS TIME
.BURNING TIME
.DOWNTIME
.EPHEMERIS TIME
.FLIGHT TIME
.MTBF
.REACTION TIME
..CHRONAXY
.RELAXATION TIME
.RESPONSE TIME (COMPUTERS)
.SIDEREAL TIME
.TESTING TIME
.TRANSIT TIME
.UNIVERSAL TIME
RT CALENDARS
CELESTIAL GEODESY
CHRONOLOGY
EXPOSURE
INTERVALS
LAUNCH DATES
MONTH
PROLONGATION
RELATIVISTIC EFFECTS
SCHEDULES
SYNCHRONISM
TIME MEASUREMENT
UNITS OF MEASUREMENT

TIME CONSTANT
0603 1001 1406 2311
GS CONSTANTS
#TIME CONSTANT
..PERCEPTUAL TIME CONSTANT
RT ACCESS TIME
% CONSTANT
DAMPING
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
IMPEDANCE
LC CIRCUITS
RC CIRCUITS
REACTION TIME
RELAXATION TIME
RL CIRCUITS
RLC CIRCUITS
% TIME RESPONSE
TRANSFER FUNCTIONS
TRANSIENT RESPONSE

TIME DELAY
USE TIME LAG

TIME DEPENDENCE
1406 2402 2807 3501
GS DEPENDENCE
#TIME DEPENDENCE
RT % HELMHOLTZ EQUATIONS
SPATIAL DEPENDENCIES
STOCHASTIC PROCESSES
TEMPORAL DISTRIBUTION
% TIME RESPONSE

TIME DISCRIMINATION
0408 1409
RT COMPARATOR CIRCUITS
SENSORY DISCRIMINATION

TIME DIVISION MULTIPLE ACCESS
0710
UF TDMA
GS TELECOMMUNICATION
.MULTIPLE ACCESS
.#TIME DIVISION MULTIPLE ACCESS
.RADIO COMMUNICATION
..RADIO RELAY SYSTEMS
..#TIME DIVISION MULTIPLE ACCESS
RT ALOHA SYSTEM
CHANNEL NOISE

FREQUENCY DIVISION MULTIPLE ACCESS
MULTICHANNEL COMMUNICATION
PACKET SWITCHING
PULSE COMMUNICATION
SATELLITE NETWORKS
SWITCHING
WIDEBAND COMMUNICATION

TIME DIVISION MULTIPLEXING
0702 0703 0802
GS TRANSMISSION
.MULTIPLEXING
.#TIME DIVISION MULTIPLEXING
RT DEMULTIPLEXING
FREQUENCY DIVISION MULTIPLEXING
PULSE MODULATION
TELEMETRY
TELEVISION TRANSMISSION
WAVELENGTH DIVISION MULTIPLEXING

TIME FUNCTIONS
1902 2311
GS FUNCTIONS (MATHEMATICS)
#TIME FUNCTIONS
RT RATES (PER TIME)
SQUARE WAVES
STOCHASTIC PROCESSES
WAVE FUNCTIONS
WAVEFORMS
WAVELET ANALYSIS

TIME LAG
0408 1406 2402 2807
UF CHRONOTRONS
LAG (DELAY)
TIME DELAY
RT CEPSTRAL ANALYSIS
DELAY
DELAY LINES
ELECTRIC RELAYS
HYSTERESIS
INVENTORY CONTROLS
REACTION TIME
REFRACTORY PERIOD
RESPONSES
SCHEDULES
% TIME RESPONSE
TRANSMISSION RATE (COMMUNICATIONS)

TIME LAPSE PHOTOGRAPHY
USE CHRONOPHOTOGRAPHY

TIME MARCHING
0502 3501
RT FINITE DIFFERENCE THEORY
NUMERICAL ANALYSIS
SPATIAL MARCHING

TIME MEASUREMENT
1406
UF DATING
EPOCHS
TIMING
GS #TIME MEASUREMENT
.CLOCK PARADOX
RT ATOMIC CLOCKS
CHRONOMETERS
CLOCKS
CONSECUTIVE EVENTS
FREQUENCY MEASUREMENT
% MEASUREMENT
OSCILLOGRAPHS
RADIOACTIVE AGE DETERMINATION
RATES (PER TIME)
SIDEREAL TIME
STROBOSCOPES
SYNCHRONISM
% TIME RESPONSE
TIMING DEVICES
VELOCITY
VELOCITY MEASUREMENT
WINDOWS (INTERVALS)

TIME MEASURING INSTRUMENTS
1406
GS MEASURING INSTRUMENTS
#TIME MEASURING INSTRUMENTS
..CLOCKS
...ATOMIC CLOCKS
...AUTONOMOUS SPACECRAFT CLOCKS
...CHRONOMETERS
..TIMING DEVICES

TIME OF FLIGHT SPECTROMETERS
1406 2311
GS MEASURING INSTRUMENTS
.SPECTROMETERS
.#TIME OF FLIGHT SPECTROMETERS
RT SPECTROSCOPY

TIME OPTIMAL CONTROL
0802 0803 1902
GS AUTOMATIC CONTROL
.OPTIMAL CONTROL
.#TIME OPTIMAL CONTROL
OPTIMIZATION
.OPTIMAL CONTROL
.#TIME OPTIMAL CONTROL
RT % CONTROL

% TIME RESPONSE
0408 1003
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ACCESS TIME
DELAY
RESPONSE BIAS
RESPONSES
TEMPORAL DISTRIBUTION
TIME CONSTANT
TIME DEPENDENCE
TIME LAG
TIME MEASUREMENT

TIME SERIES ANALYSIS
0802 1902
RT % APPLICATIONS OF MATHEMATICS
AUTOCORRELATION
CORRELATION
CURVE FITTING
DATA SAMPLING
EXTRAPOLATION
FORECASTING
FOURIER ANALYSIS
KALMAN-SCHMIDT FILTERING
MAXIMUM ENTROPY METHOD
SCHEDULING
% STATISTICS
STOCHASTIC PROCESSES
TREND ANALYSIS
TRENDS

TIME SHARING
0802 0803
RT COMPUTER PROGRAMMING
COORDINATION
MULTIPLE OUTPUT PROGRAMS
MULTIPROCESSING (COMPUTERS)
MULTIPROGRAMMING
PIPELINING (COMPUTERS)
RUN TIME (COMPUTERS)

TIME SIGNALS
0702 0705
RT CLOCK PARADOX
FREQUENCY STANDARDS
PICOSECOND PULSES
PULSE DURATION
% SIGNALS
TIMING DEVICES

TIME TEMPERATURE PARAMETER
2311
RT AGING (METALLURGY)

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        AUSTENITIC STAINLESS STEELS
        EMBRITTLEMENT
        FRACTURE MECHANICS
        LONG TERM EFFECTS
        METALLOGRAPHY
        PRECIPITATION HARDENING
        TEMPERATURE EFFECTS

TIMERS
  USE   TIMING DEVICES

TIMING
  USE   TIME MEASUREMENT

TIMING DEVICES
  1402 1406 1410
  UF    TIMERS
  GS    MEASURING INSTRUMENTS
        .TIME MEASURING INSTRUMENTS
        .#TIMING DEVICES
  RT    CHRONOMETERS
        CLOCK PARADOX
        CLOCKS
        DWELL
        PENDULUMS
        TACHOMETERS
        TIME MEASUREMENT
        TIME SIGNALS

TIMOSHENKO BEAMS
  3202
  GS    STRUCTURAL MEMBERS
        .BEAMS (SUPPORTS)
        .#TIMOSHENKO BEAMS
  RT    COLUMNS (SUPPORTS)
        TRUSSES

TIN
  1703
  GS    CHEMICAL ELEMENTS
        #TIN
        ..TIN ISOTOPES
        METALS
        #TIN
        ..TIN ISOTOPES

TIN ALLOYS
  1701 1704
  GS    ALLOYS
        #TIN ALLOYS
        ..BABBITT METAL
  RT    BEARING ALLOYS
        BISMUTH ALLOYS
        INDIUM ALLOYS
        SOLDERS
        STANNIDES
        ZIRCALOYS (TRADEMARK)

TIN COMPOUNDS
  0603
  GS   #TIN COMPOUNDS
        .ORGANIC TIN COMPOUNDS
        .STANNATES
        .STANNIDES
        ..NIOBIUM STANNIDES
        .TIN OXIDES
        .TIN TELLURIDES
  RT % CHEMICAL COMPOUNDS
     % GROUP 4A COMPOUNDS
     % METAL COMPOUNDS

TIN ISOTOPES
  0603 1703 1704 2406
  GS    CHEMICAL ELEMENTS
        .NUCLIDES
        ..ISOTOPES
        ..#TIN ISOTOPES
        .TIN
        .#TIN ISOTOPES
        METALS
        .TIN
        .#TIN ISOTOPES

TIN OXIDES
  0603 1804
  GS    CHALCOGENIDES
        .OXIDES
        ..METAL OXIDES
        ..#TIN OXIDES
        TIN COMPOUNDS
        #TIN OXIDES
  RT    SIS (SEMICONDUCTORS)

TIN TELLURIDES
  1704 1804
  GS    CHALCOGENIDES
        .TELLURIDES
        .#TIN TELLURIDES
        TELLURIUM COMPOUNDS
        .TELLURIDES
        .#TIN TELLURIDES
        TIN COMPOUNDS
        #TIN TELLURIDES

TIP DRIVEN ROTORS
  0104 2805
  UF    HOT CYCLE PROPULSION SYSTEM
  GS    AIRFOILS
        .WINGS
        ..ROTARY WINGS
        ..#TIP DRIVEN ROTORS
        ROTATING BODIES
        .ROTORS
        ..ROTARY WINGS
        ..#TIP DRIVEN ROTORS
  RT    XV-9A AIRCRAFT

TIP SPEED
  0101 0102 0104 0201
  GS    RATES (PER TIME)
        #TIP SPEED
        VELOCITY
        #TIP SPEED
  RT    ANGULAR VELOCITY
        CRITICAL VELOCITY
        ROTOR SPEED

TIP VANES
  0204
  GS    ROTATING BODIES
        .ROTORS
        .#TIP VANES
        TURBOMACHINERY
        .TURBINES
        ..WIND TURBINES
        ..#TIP VANES

TIPS
  0102 0104
  GS   #TIPS
        .BLADE TIPS
        .CRACK TIPS
        .NOSE TIPS
        .WING TIPS
  RT    AIRFOIL PROFILES
        EDGES

TIRES
  0203 3202
  GS   #TIRES
        .AIRCRAFT TIRES
  RT    BLOWOUTS
        INFLATABLE STRUCTURES
        LANDING GEAR
        ROLLERS
        TOROIDAL WHEELS
        TREADS
        VEHICLE WHEELS
        WHEEL BRAKES
        WHEELS

TIROS D SATELLITE
  USE   TIROS 4 SATELLITE

TIROS E SATELLITE
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```
  USE  TIROS 5 SATELLITE

TIROS F SATELLITE
  USE  TIROS 6 SATELLITE

TIROS G SATELLITE
  USE  TIROS 7 SATELLITE

TIROS H SATELLITE
  USE  TIROS 8 SATELLITE

TIROS M
  2003 2004 3107
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS M
  RT   ITOS SATELLITES
       ITOS 1
       ITOS 2
       ITOS 3
       ITOS 4

TIROS N SERIES SATELLITES
  3107 2004
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS N SERIES SATELLITES
  RT   ADVANCED VERY HIGH RESOLUTION
       RADIOMETER
       ITOS SATELLITES
       ITOS 1
       ITOS 2
       ITOS 3
       ITOS 4
       NOAA 7 SATELLITE
       TIROS OPERATIONAL SATELLITE SYSTEM

TIROS OPERATIONAL SATELLITE SYSTEM
  2003 2004 3107 3409
  RT   CLOUD PHOTOGRAPHY
       ITOS 1
       ITOS 2
       ITOS 3
       ITOS 4
       SATELLITE OBSERVATION
     % SYSTEMS
       TIROS N SERIES SATELLITES

TIROS PROJECT
  2003 2004 3107 3409
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#TIROS PROJECT
       .PROJECTS
       .#TIROS PROJECT
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#TIROS PROJECT
  RT   CLOUD PHOTOGRAPHS
       CLOUD PHOTOGRAPHY
       METEOROLOGICAL SATELLITES

TIROS SATELLITES
  2003 2004 3107 3409
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       .#TIROS SATELLITES
       ...ITOS SATELLITES
       ....ITOS 1
       ....ITOS 2
       ....ITOS 3
       ....ITOS 4
       ...TIROS M
       ...TIROS N SERIES SATELLITES
       ...TIROS 1 SATELLITE
       ...TIROS 2 SATELLITE
       ...TIROS 3 SATELLITE
       ...TIROS 4 SATELLITE
       ...TIROS 5 SATELLITE
       ...TIROS 6 SATELLITE
       ...TIROS 7 SATELLITE
       ...TIROS 8 SATELLITE
       ...TIROS 9 SATELLITE
       ...TIROS 10 SATELLITE
  RT   CLOUD PHOTOGRAPHY
       ESSA SATELLITES
       POLAR ORBITS
       SATELLITE OBSERVATION

TIROS WHEEL SATELLITE
  USE  TIROS 9 SATELLITE

TIROS 1 SATELLITE
  2003 2004 3107
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 1 SATELLITE
  RT   THOR ABLE ROCKET VEHICLE

TIROS 2 SATELLITE
  2003 2004 3107
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 2 SATELLITE
  RT   DELTA LAUNCH VEHICLE

TIROS 3 SATELLITE
  2003 2004 3107
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 3 SATELLITE
  RT   DELTA LAUNCH VEHICLE

TIROS 4 SATELLITE
  2003 2004 3107
  UF   TIROS D SATELLITE
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 4 SATELLITE
  RT   DELTA LAUNCH VEHICLE

TIROS 5 SATELLITE
  2003 2004 3107
  UF   TIROS E SATELLITE
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 5 SATELLITE
  RT   DELTA LAUNCH VEHICLE

TIROS 6 SATELLITE
  2003 2004 3107
  UF   TIROS F SATELLITE
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 6 SATELLITE
  RT   DELTA LAUNCH VEHICLE

TIROS 7 SATELLITE
  2003 2004 3107
  UF   TIROS G SATELLITE
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 7 SATELLITE
  RT   DELTA LAUNCH VEHICLE

TIROS 8 SATELLITE
  2003 2004 3107
  UF   TIROS H SATELLITE
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 8 SATELLITE
  RT   DELTA LAUNCH VEHICLE

TIROS 9 SATELLITE
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  2003 2004 3107
  UF   TIROS WHEEL SATELLITE
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 9 SATELLITE
  RT   DELTA LAUNCH VEHICLE

TIROS 10 SATELLITE
  2003 2004 3107
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       ..TIROS SATELLITES
       ..#TIROS 10 SATELLITE
  RT   DELTA LAUNCH VEHICLE

TISSUES (BIOLOGY)
  0403
  GS  #TISSUES (BIOLOGY)
       .ADIPOSE TISSUES
       .ENDOTHELIUM
       .EPICARDIUM
       .EPITHELIUM
       .HYPODERMIS
       .NEUROGLIA
       .PLANTAR TISSUES
       .SCARS
  RT   ANATOMY
       ATROPHY
     % BIOLOGY
       CANCER
     % CELLS
       CELLS (BIOLOGY)
       CULTIVATION
       CYSTIC FIBROSIS
       CYSTS
       FIBROBLASTS
       FIBROSIS
       HISTOCHEMICAL ANALYSIS
       INFARCTION
       MACROPHAGES
       MEDIASTINUM
       ORGANS
       PERITONEUM

TITAN
  3001 3005 3008
  GS   CELESTIAL BODIES
       .NATURAL SATELLITES
       ..SATURN SATELLITES
       ..#TITAN
  RT   ATMOSPHERIC COMPOSITION
       CASSINI MISSION
       CHARON
       SATELLITE ATMOSPHERES
       SATURN (PLANET)
       TRITON

TITAN CENTAUR LAUNCH VEHICLE
  3107
  GS   LAUNCH VEHICLES
       #TITAN CENTAUR LAUNCH VEHICLE
       ROCKET VEHICLES
       #TITAN CENTAUR LAUNCH VEHICLE
  RT   CENTAUR LAUNCH VEHICLE
       TITAN 4 LAUNCH VEHICLE

TITAN ICBM
  3101 3401
  GS   MISSILES
       .BALLISTIC MISSILES
       ..INTERCONTINENTAL BALLISTIC
         MISSILES
       ..#TITAN ICBM
       ....TITAN 1 ICBM
       ....TITAN 2 ICBM
       .SURFACE TO SURFACE MISSILES
       ..INTERCONTINENTAL BALLISTIC
         MISSILES
       ..#TITAN ICBM
       ....TITAN 1 ICBM
       ....TITAN 2 ICBM
  RT   LIQUID PROPELLANT ROCKET ENGINES
       LR-91-AJ-5 ENGINE
       MULTISTAGE ROCKET VEHICLES
       YLR-91-AJ-1 ENGINE

TITAN LAUNCH VEHICLES
  3101 3103
  GS   LAUNCH VEHICLES
       #TITAN LAUNCH VEHICLES
       ..TITAN 3 LAUNCH VEHICLE
       ..TITAN 4 LAUNCH VEHICLE
       ROCKET VEHICLES
       .MULTISTAGE ROCKET VEHICLES
       .#TITAN LAUNCH VEHICLES
       ...TITAN 3 LAUNCH VEHICLE
       ...TITAN 4 LAUNCH VEHICLE
  RT   GEMINI 3 FLIGHT
       GEMINI 7 FLIGHT
       GEMINI 8 FLIGHT
       GEMINI 9 FLIGHT
       GEMINI 10 FLIGHT
       GEMINI 11 FLIGHT
       GEMINI 12 FLIGHT
       LIQUID PROPELLANT ROCKET ENGINES
       SOLID PROPELLANT ROCKET ENGINES
     % VEHICLES

TITAN PROJECT
  3101 3103 3401 3409
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#TITAN PROJECT
       .PROJECTS
       .#TITAN PROJECT
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#TITAN PROJECT
  RT % BOOSTERS
       GEMINI PROJECT
       GEMINI SPACECRAFT
       LAUNCH VEHICLES
       LAUNCHERS
       LAUNCHING

TITAN 1 ICBM
  3101 3103 3401
  UF   SM-68 MISSILE
  GS   MISSILES
       .BALLISTIC MISSILES
       ..INTERCONTINENTAL BALLISTIC
         MISSILES
       ...TITAN ICBM
       ...#TITAN 1 ICBM
       .SURFACE TO SURFACE MISSILES
       ..INTERCONTINENTAL BALLISTIC
         MISSILES
       ...TITAN ICBM
       ...#TITAN 1 ICBM
  RT   LR-87-AJ-5 ENGINE

TITAN 2 ICBM
  3101 3409
  UF   SM-68B MISSILE
  GS   MISSILES
       .BALLISTIC MISSILES
       ..INTERCONTINENTAL BALLISTIC
         MISSILES
       ...TITAN ICBM
       ...#TITAN 2 ICBM
       .SURFACE TO SURFACE MISSILES
       ..INTERCONTINENTAL BALLISTIC
         MISSILES
       ...TITAN ICBM
       ...#TITAN 2 ICBM
  RT   HYLA-STAR ROCKET VEHICLE

TITAN 3 LAUNCH VEHICLE
  3101 3103 3409
  GS   LAUNCH VEHICLES
       .TITAN LAUNCH VEHICLES
       .#TITAN 3 LAUNCH VEHICLE
       ROCKET VEHICLES
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        .MULTISTAGE ROCKET VEHICLES
        ..TITAN LAUNCH VEHICLES
        ..#TITAN 3 LAUNCH VEHICLE
  RT    MANNED ORBITAL LABORATORIES

TITAN 4 LAUNCH VEHICLE
  3101 3103 3409
  GS    LAUNCH VEHICLES
        .TITAN LAUNCH VEHICLES
        .#TITAN 4 LAUNCH VEHICLE
        ROCKET VEHICLES
        .MULTISTAGE ROCKET VEHICLES
        ..TITAN LAUNCH VEHICLES
        ..#TITAN 4 LAUNCH VEHICLE
  RT    TITAN CENTAUR LAUNCH VEHICLE
      % VEHICLES

TITANATES
  0603
  GS    TITANIUM COMPOUNDS
        #TITANATES
        ..BARIUM TITANATES
        ..ILMENITE
        ..LEAD TITANATES
        ..MAGNESIUM TITANATES
        ..PEROVSKITES
        ..PIEZOELECTRIC CERAMICS
        ...LEAD ZIRCONATE TITANATES
        ..STRONTIUM TITANATES
        ..ZIRCONIUM TITANATES
  RT    EUXENITE

TITANIA
  1901 3001 3007 3008
  GS    CELESTIAL BODIES
        .NATURAL SATELLITES
        ..ICY SATELLITES
        ..#TITANIA
        ..URANUS SATELLITES
        ..#TITANIA
  RT    URANUS (PLANET)

TITANIUM
  0603 1703
  GS    CHEMICAL ELEMENTS
        #TITANIUM
        ..TITANIUM ISOTOPES
        METALS
        .TRANSITION METALS
        .#TITANIUM
        ...TITANIUM ISOTOPES

TITANIUM ALLOYS
  1701
  GS    ALLOYS
        #TITANIUM ALLOYS
        ..NITINOL ALLOYS
  RT    ALUMINIDES
        SHAPE MEMORY ALLOYS
        VANADIUM ALLOYS

TITANIUM BORIDES
  0603 1804
  GS    BORON COMPOUNDS
        .BORIDES
        .#TITANIUM BORIDES
        TITANIUM COMPOUNDS
        #TITANIUM BORIDES

TITANIUM CARBIDES
  0603 1804
  GS    CARBON COMPOUNDS
        .CARBIDES
        .#TITANIUM CARBIDES
        TITANIUM COMPOUNDS
        #TITANIUM CARBIDES
  RT    CERAMIC FIBERS
        CERAMIC MATRIX COMPOSITES

TITANIUM CHLORIDES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .CHLORINE COMPOUNDS
        ..CHLORIDES
        ..#TITANIUM CHLORIDES
        .HALIDES
        ..CHLORIDES
        ..#TITANIUM CHLORIDES
        ..METAL HALIDES
        ..#TITANIUM CHLORIDES
        TITANIUM COMPOUNDS
        #TITANIUM CHLORIDES

TITANIUM COMPOUNDS
  0603
  GS   #TITANIUM COMPOUNDS
        .TITANATES
        ..BARIUM TITANATES
        ..ILMENITE
        ..LEAD TITANATES
        ..MAGNESIUM TITANATES
        ..PEROVSKITES
        ..PIEZOELECTRIC CERAMICS
        ...LEAD ZIRCONATE TITANATES
        ..STRONTIUM TITANATES
        ..ZIRCONIUM TITANATES
        .TITANIUM BORIDES
        .TITANIUM CARBIDES
        .TITANIUM CHLORIDES
        .TITANIUM NITRIDES
        .TITANIUM OXIDES
        ..ANATASE
        ..ILMENITE
        ..RUTILE
  RT  % CHEMICAL COMPOUNDS
      % GROUP 4B COMPOUNDS
      % METAL COMPOUNDS

TITANIUM DIOXIDE
  USE   TITANIUM OXIDES

TITANIUM ISOTOPES
  0603 1703 2406
  GS    CHEMICAL ELEMENTS
        .NUCLIDES
        ..ISOTOPES
        ..#TITANIUM ISOTOPES
        .TITANIUM
        .#TITANIUM ISOTOPES
        METALS
        .TRANSITION METALS
        ..TITANIUM
        ..#TITANIUM ISOTOPES

TITANIUM NITRIDES
  0603 1804
  GS    NITROGEN COMPOUNDS
        .NITRIDES
        ..METAL NITRIDES
        ..#TITANIUM NITRIDES
        TITANIUM COMPOUNDS
        #TITANIUM NITRIDES
  RT    CERAMIC MATRIX COMPOSITES

TITANIUM OXIDES
  0603 1804
  UF    TITANIUM DIOXIDE
  GS    CHALCOGENIDES
        .OXIDES
        ..METAL OXIDES
        ..#TITANIUM OXIDES
        ....ANATASE
        ....ILMENITE
        ....RUTILE
        TITANIUM COMPOUNDS
        #TITANIUM OXIDES
        ..ANATASE
        ..ILMENITE
        ..RUTILE
  RT    DIOXIDES

TITRATION
  0601 0603
  GS    CHEMICAL REACTIONS
        #TITRATION
```

RT ACIDITY
COULOMETERS
IODIMETRY
ION CONCENTRATION
KJELDAHL METHOD
SOLUTIONS

TITRIMETERS
0601 0604 1406
GS MEASURING INSTRUMENTS
#TITRIMETERS
RT CHEMICAL ANALYSIS

TNT (TRINITROTOLUENE)
USE TRINITROTOLUENE

TOBACCO
0409
GS PLANTS (BOTANY)
#TOBACCO
RT NICOTINE

TOCOPHEROL
0403 0405 1808
UF VITAMIN E
GS ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#TOCOPHEROL
.LIPIDS
.#TOCOPHEROL
VITAMINS
#TOCOPHEROL

TOGO
1305
GS NATIONS
#TOGO
RT AFRICA

TOILETS
0504
RT HUMAN WASTES
SANITATION
SPACECREWS
WASTE DISPOSAL

TOKAMAK DEVICES
2203 2502
GS NUCLEAR REACTORS
#TOKAMAK DEVICES
..JOINT EUROPEAN TORUS
PLASMA GENERATORS
#TOKAMAK DEVICES
..JOINT EUROPEAN TORUS
RT BEAM INJECTION
BETA FACTOR
BUMPY TORUSES
% ELECTRIC POWER
LIMITERS (FUSION REACTORS)
NUCLEAR FUSION
PLASMA COMPRESSION
PLASMA CONTROL
PLASMA PHYSICS
POLOIDAL FLUX
% REACTORS
SPHEROMAKS

TOLERANCES (MECHANICS)
1406 1902 2311 3406 3408 3501
GS #TOLERANCES (MECHANICS)
.IMPACT TOLERANCES
RT ACCEPTABILITY
ACCURACY
ALLOWANCES
CLEARANCES
CONSISTENCY
DIMENSIONAL STABILITY
DRIFT (INSTRUMENTATION)
ERRORS
HYSTERESIS
INSPECTION
LINEARITY
MECHANICAL PROPERTIES
NONDESTRUCTIVE TESTS
PRECISION
QUALITY CONTROL
RADIATION TOLERANCE
RANGE (EXTREMES)
RELIABILITY
RESOLUTION
SENSITIVITY
SPECIFICATIONS
STABILITY
STANDARDS

TOLERANCES (PHYSIOLOGY)
0401 0408 0502
GS #TOLERANCES (PHYSIOLOGY)
.ACCELERATION TOLERANCE
.ALTITUDE TOLERANCE
.COLD TOLERANCE
.HEAT TOLERANCE
.HUMAN TOLERANCES
.RADIATION TOLERANCE
RT ACCLIMATIZATION
BARANY CHAIR
BIOCONTROL SYSTEMS
IMPACT RESISTANCE
NOISE TOLERANCE
ORTHOSTATIC TOLERANCE
PHYSIOLOGY
RANGE (EXTREMES)
% RESISTANCE

TOLLMIEN-SCHLICHTING WAVES
0101 0710 1202 1203
GS ELASTIC WAVES
#TOLLMIEN-SCHLICHTING WAVES
RT BLASIUS FLOW
BOUNDARY LAYER FLOW
BOUNDARY LAYER TRANSITION
LAMINAR FLOW
TURBULENT FLOW

TOLUENE
1808 2701 3302
GS ORGANIC COMPOUNDS
.HYDROCARBONS
.#TOLUENE
RT SOLVENTS
XYLENE

TOMAHAWK MISSILES
3106
GS MISSILES
.SURFACE TO SURFACE MISSILES
..CRUISE MISSILES
..#TOMAHAWK MISSILES
RT WEAPONS

TOMATOES
0409 0505
GS FARM CROPS
#TOMATOES
RT AGRICULTURE
BOTANY
% CROPS
% FOOD
SEEDS

TOMBOLOS
USE BARS (LANDFORMS)

TOMOGRAPHY
1407
UF PLANIGRAPHY
GS IMAGERY
.RADIOGRAPHY
.#TOMOGRAPHY
...COMPUTER AIDED TOMOGRAPHY
RT COMPUTER GRAPHICS
IMAGE ENHANCEMENT
OPTICAL DATA PROCESSING
X RAY ANALYSIS

```
TOMS
  USE  TOTAL OZONE MAPPING SPECTROMETER

TONE
  USE  PITCH

TONGUE
  0404 0408
  GS   ANATOMY
       .DIGESTIVE SYSTEM
       .#TONGUE
  RT   MOUTH
       VOICE

TONK METEORITE
  3005
  GS   CELESTIAL BODIES
       .METEORITES
       ..STONY METEORITES
       ...CARBONACEOUS METEORITES
       ....CARBONACEOUS CHONDRITES
       ....#TONK METEORITE
       ...CHONDRITES
       ....CARBONACEOUS CHONDRITES
       ....#TONK METEORITE

TONOMETRY
  USE  INTRAOCULAR PRESSURE
       PRESSURE MEASUREMENT

TONUS
  USE  MUSCULAR TONUS

TOOLING
  1504
  RT % AUTOMATION
       MACHINING
       MECHANIZATION
       SETUPS
       TOOLS

TOOLS
  1504
  GS  #TOOLS
       .DRILL BITS
       .FILES (TOOLS)
       .MACHINE TOOLS
       ..BORING MACHINES
       ..GRINDING MACHINES
       ..LATHES
       ...TURRET LATHES
       ..MILLING MACHINES
       ..SHAPERS
       .SAWS
       .SHEARS
       .SPACE TOOLS
       .WRENCHES
  RT   ANTIQUITIES
       ANVILS
       CUTTERS
       DRILLS
       FIXTURES
       HAMMERS
       HARDWARE
       JIGS
       KITS
     % MACHINERY
       MECHANICAL DEVICES
       MECHANIZATION
       PLATENS
       PRESSES
     % PRODUCTION
       TAPS
       TOOLING
       ULTRASONIC CLEANING

TOOTH DISEASES
  0404 0405
  UF   AERODONTALGIA
  GS   DISEASES
       #TOOTH DISEASES
  RT   CAVITIES
       DENTAL CALCULI
       DENTISTRY
       ORAL HYGIENE
       TEETH

TOPEX
  1305
  RT   GULF STREAM
       MARITIME SATELLITES
       OCEAN CURRENTS
       OCEAN SURFACE
       OCEANOGRAPHY
       POSEIDON SATELLITE
       SATELLITE OBSERVATION
       SEA STATES
       TOPOGRAPHY

TOPOGRAPHY
  1304 1305 3004 3007
  UF   LANDSCAPE
  GS  #TOPOGRAPHY
       .LUNAR TOPOGRAPHY
       .TERRAIN
  RT   ALTIMETRY
       BADLANDS
       BARREN LAND
       BEACHES
       CLIFFS
       CONTOUR SENSORS
       CONTOURS
       CUSPS (LANDFORMS)
     % DEPRESSION
       DESERTLINE
       DESERTS
       DUNES
       EARTH SURFACE
       ELEVATION
       ELEVATION ANGLE
       ESCARPMENTS
       GEODESY
       GEODETIC SURVEYS
       GEOMORPHOLOGY
       GEOPHYSICS
       GULFS
       HIGHLANDS
       HYPSOGRAPHY
       ISTHMUSES
       JUPITER RED SPOT
       LAGOONS
       LAND
       LANDFORMS
       LANDMARKS
       LEDGES
       MAPPING
       MARIA
       MARS SURFACE
       MEANDERS
       MUSKEGS
       OCEANOGRAPHY
       PEAKS (LANDFORMS)
       PHOTOMAPPING
       PLAINS
       PLANETARY SURFACES
     % PROFILES
       RAVINES
       RELIEF MAPS
       SATELLITE ALTIMETRY
       SHALLOW WATER
       SLOPES
       STAIRSTEPS
       SURFACE ROUGHNESS
       TOPEX
       VALLEYS
       VENUS SURFACE
       WADIS

TOPOLOGY
  1902
  GS   GEOMETRY
       #TOPOLOGY
       ..FIXED POINTS (MATHEMATICS)
       ..HOMOTOPY THEORY
```

..IMBEDDINGS (MATHEMATICS)
...INVARIANT IMBEDDINGS
..LINKS (MATHEMATICS)
..METRIC SPACE
RT CATASTROPHE THEORY
% CELLS
CONTINUITY
CONTINUITY (MATHEMATICS)
CONTINUUMS
DEFORMATION
DIMENSIONS
FAULT TREES
FIBERS (MATHEMATICS)
GRAPH THEORY
HOMOLOGY
HOMOTROPY
INTERVALS
ISOPERIMETRIC PROBLEM
MANIFOLDS (MATHEMATICS)
MAPPING
NETWORK SYNTHESIS
% NETWORKS
SHAPES
SWITCHING THEORY
TORUSES
TREES (MATHEMATICS)

TOPPING CYCLE ENGINES
0301
RT AIRCRAFT ENGINES
LIQUID HYDROGEN
PROPULSION SYSTEM CONFIGURATIONS

TOPS (SPACECRAFT)
3007 3107 3110
UF THERMOELECTRIC OUTER PLANET SPACECRAFT
THERMOELECTRIC SPACECRAFT
GS INTERPLANETARY SPACECRAFT
#TOPS (SPACECRAFT)
RT FLYBY MISSIONS
INTERPLANETARY FLIGHT
OUTER PLANETS EXPLORERS
SPACE EXPLORATION
SPACE MISSIONS
% SPACECRAFT

TORCHES
1507 2501 3303
RT CUTTING
PYROGEN
WELDING
WELDING MACHINES

TORNADO AIRCRAFT
USE MRCA AIRCRAFT

TORNADOES
1301 2001 2003
GS STORMS
.STORMS (METEOROLOGY)
.#TORNADOES
RT ATMOSPHERIC CIRCULATION
COLD FRONTS
CUMULONIMBUS CLOUDS
CYCLONES
FRONTS (METEOROLOGY)
GROUND WIND
HURRICANES
NATIONAL SEVERE STORMS PROJECT
RAINSTORMS
STORM DAMAGE
TROPICAL STORMS
TYPHOONS
WARM FRONTS
WIND (METEOROLOGY)

TORO ASTEROID
3001 3008
GS CELESTIAL BODIES
.ASTEROID BELTS
..ASTEROIDS
..#TORO ASTEROID
RT METEOROIDS
SOLAR SYSTEM
SPACE DEBRIS

TOROIDAL DISCHARGE
2402 2403 2406
GS ELECTRIC CURRENT
.ELECTRIC DISCHARGES
..TOWNSEND DISCHARGE
...GAS DISCHARGES
...#TOROIDAL DISCHARGE
.....RING DISCHARGE
RT ELECTRODELESS DISCHARGES
HIGH FREQUENCIES
PLASMA JETS
SPECTRUM ANALYSIS

TOROIDAL PLASMAS
2502
UF PLASMA RINGS
GS PARTICLES
.CHARGED PARTICLES
..ENERGETIC PARTICLES
...PLASMAS (PHYSICS)
...#TOROIDAL PLASMAS
RT BEAM INJECTION
BETA FACTOR
BUMPY TORUSES
ELLIPTICAL PLASMAS
LIMITERS (FUSION REACTORS)
PLASMA CONTROL
PLASMA CURRENTS
POLOIDAL FLUX
REVERSE FIELD PINCH
% RINGS
ROTATING PLASMAS
SOLENOIDS
SPHEROMAKS
STELLARATORS

TOROIDAL SHELLS
0102 3109 3203
GS SHELLS (STRUCTURAL FORMS)
#TOROIDAL SHELLS
RT METAL SHELLS
REINFORCED SHELLS
SKIN (STRUCTURAL MEMBER)
THIN WALLED SHELLS
TOROIDS

TOROIDAL WHEELS
1504
UF DOUGHNUT SHAPE WHEELS
GS WHEELS
#TOROIDAL WHEELS
RT ROVING VEHICLES
SUSPENSION SYSTEMS (VEHICLES)
TIRES
VEHICLE WHEELS

TOROIDS
0904 0905
RT % COILS
% CURVES
GEOMETRY
INDUCTORS
ION IMPACT
MAGNET COILS
MAGNETIC CORES
TOROIDAL SHELLS
TRANSFORMERS

TORPEDO ENGINES
3101 3401
GS ENGINES
#TORPEDO ENGINES
..TURBOROCKET ENGINES
..ULLAGE ROCKET ENGINES
..VERNIER ENGINES
...CONTROL ROCKETS
...SYNCOM APOGEE ENGINES
RT INTERNAL COMBUSTION ENGINES

```
      ROCKET PROPELLANTS
      TURBINE ENGINES
      UNDERWATER PROPULSION

TORPEDOES
  3101 3401
  UF  RETORC (TORPEDOES)
  GS  EXPLOSIVE DEVICES
      #TORPEDOES
  RT  AMMUNITION
      ANTISUBMARINE WARFARE
      ASROC ENGINE
      BOMBS (ORDNANCE)
    % CONFIGURATIONS
      COUNTERMEASURES
      EXPLOSIVES
      HYDROBALLISTICS
      MISSILES
      NUCLEAR WEAPONS
      PROPELLANTS
    % ROCKETS
      SEA LAUNCHING
      SHAPED CHARGES
      SUBMERGED BODIES
      UNDERWATER TRAJECTORIES
      WARHEADS
      WEAPONS

TORQUE
  0201 1704 2308 2311 3203
  UF  HINGE MOMENTS
  GS  MOMENTS
      #TORQUE
  RT  BENDING MOMENTS
    % FORCE
      LOADING MOMENTS
      MOMENTS OF INERTIA
      PITCHING MOMENTS
      ROLLING MOMENTS
      ROTATION
      SHAFTS (MACHINE ELEMENTS)
      TORQUE SENSORS (ROBOTICS)
      TORQUEMETERS
      TORSION
      TORSIONAL STRESS
      TORSIONAL VIBRATION
      TWISTING
      YAWING MOMENTS

TORQUE CONVERTERS
  1704
  RT % CONVERTERS
      POWER CONVERTERS
      TRANSMISSIONS (MACHINE ELEMENTS)

TORQUE MEASURING APPARATUS
  USE TORQUEMETERS

TORQUE MOTORS
  0904 1504 2308
  GS  MOTORS
      .ELECTRIC MOTORS
      .#TORQUE MOTORS
  RT  ACTUATORS
      SERVOMOTORS
      TRANSMISSIONS (MACHINE ELEMENTS)

TORQUE SENSORS (NONROBOTICS)
  USE TORQUEMETERS

TORQUE SENSORS (ROBOTICS)
  1409 2308 2311
  GS  ROBOT SENSORS
      #TORQUE SENSORS (ROBOTICS)
  RT  END EFFECTORS
      MANIPULATORS
      ROBOTS
    % SENSORS
      SERVOMECHANISMS
      TELEOPERATORS
      TORQUE
      TORQUEMETERS

TORQUEMETERS
  1406 2308 3501
  UF  TORQUE MEASURING APPARATUS
      TORQUE SENSORS (NONROBOTICS)
  GS  MEASURING INSTRUMENTS
      #TORQUEMETERS
  RT  DYNAMOMETERS
      MECHANICAL MEASUREMENT
      TORQUE
      TORQUE SENSORS (ROBOTICS)

TORQUERS
  0701 0801 0904 1201
  GS  TRANSDUCERS
      #TORQUERS
  RT  DEGREES OF FREEDOM
      GYROSCOPES
      SEA KEEPING

TORRES STRAIT
  1307
  GS  PASSAGEWAYS
      .STRAITS
      .#TORRES STRAIT
  RT  AUSTRALIA
      NEW GUINEA (ISLAND)

TORSION
  1505 1704 2308 2311 3203
  RT  BUCKLING
      DEFLECTION
      DEFORMATION
    % FORCE
      MOMENTS
      TEMPERATURE INVERSIONS
      TORQUE
      TORSIONAL STRESS
      TORSIONAL VIBRATION
      TWISTING

TORSIONAL STRESS
  2308 2601 3203
  GS  STRESSES
      .SHEAR STRESS
      .#TORSIONAL STRESS
  RT  TORQUE
      TORSION

TORSIONAL VIBRATION
  0101 2312 3203
  GS  VIBRATION
      .STRUCTURAL VIBRATION
      .#TORSIONAL VIBRATION
  RT  MISSILE VIBRATION
      RANDOM VIBRATION
      SELF INDUCED VIBRATION
      SHEAR STRAIN
      TORQUE
      TORSION
      TWISTING

TORSO
  0404 0405
  GS  ANATOMY
      #TORSO
  RT  CHEST

TORUSES
  1902
  GS  GEOMETRY
      .EUCLIDEAN GEOMETRY
      ..ANALYTIC GEOMETRY
      ..#TORUSES
      SYMMETRICAL BODIES
      .BODIES OF REVOLUTION
      .#TORUSES
  RT  DESCRIPTIVE GEOMETRY
      LOOPS
    % RINGS
      TOPOLOGY

TORY 2 REACTOR
```

2203 2204 2404 2405
GS NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR POWER REACTORS
.#TORY 2 REACTOR
NUCLEAR REACTORS
.GAS COOLED REACTORS
.#TORY 2 REACTOR
.NUCLEAR POWER REACTORS
.#TORY 2 REACTOR
.NUCLEAR RESEARCH AND TEST REACTORS
.#TORY 2 REACTOR

TORY 2-A REACTOR
2203 2204 2404 2405
GS NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR POWER REACTORS
.#TORY 2-A REACTOR
NUCLEAR REACTORS
.GAS COOLED REACTORS
.#TORY 2-A REACTOR
.NUCLEAR POWER REACTORS
.#TORY 2-A REACTOR
.NUCLEAR RESEARCH AND TEST REACTORS
.#TORY 2-A REACTOR

TORY 2-C REACTOR
2405
GS NUCLEAR ELECTRIC POWER GENERATION
.NUCLEAR POWER REACTORS
.#TORY 2-C REACTOR
NUCLEAR REACTORS
.GAS COOLED REACTORS
.#TORY 2-C REACTOR
.NUCLEAR POWER REACTORS
.#TORY 2-C REACTOR
.NUCLEAR RESEARCH AND TEST REACTORS
.#TORY 2-C REACTOR

TOS-A
USE ESSA 3 SATELLITE

TOTAL ENERGY SYSTEMS
0301
GS #TOTAL ENERGY SYSTEMS
.SOLAR TOTAL ENERGY SYSTEMS
RT INTEGRATED ENERGY SYSTEMS
PHOSPHORIC ACID FUEL CELLS
% SYSTEMS

TOTAL OZONE MAPPING SPECTROMETER
1406 1411 2311
UF TOMS
GS MEASURING INSTRUMENTS
.OPTICAL MEASURING INSTRUMENTS
..PHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
...#TOTAL OZONE MAPPING SPECTROMETER
.RADIATION MEASURING INSTRUMENTS
..ACTINOMETERS
...ULTRAVIOLET DETECTORS
....ULTRAVIOLET SPECTROMETERS
....#TOTAL OZONE MAPPING SPECTROMETER
..PHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
...#TOTAL OZONE MAPPING SPECTROMETER
.SATELLITE-BORNE INSTRUMENTS
.#TOTAL OZONE MAPPING SPECTROMETER
.SPECTROMETERS
..ULTRAVIOLET SPECTROMETERS
..#TOTAL OZONE MAPPING SPECTROMETER
OPTICAL EQUIPMENT
.OPTICAL MEASURING INSTRUMENTS
..PHOTOMETERS
...ULTRAVIOLET SPECTROMETERS
...#TOTAL OZONE MAPPING SPECTROMETER
RT ANTARCTIC REGIONS
NIMBUS 7 SATELLITE
OZONE DEPLETION
OZONOMETRY

TOTAL QUALITY MANAGEMENT
1505 4001
UF TQM (QUALITY CONTROL)
GS MANAGEMENT
#TOTAL QUALITY MANAGEMENT
QUALITY CONTROL
#TOTAL QUALITY MANAGEMENT
RT ACCEPTABILITY
AIRCRAFT RELIABILITY
INDUSTRIAL MANAGEMENT
MANAGEMENT METHODS
PRODUCTION MANAGEMENT
QUALITY
RELIABILITY
RELIABILITY ENGINEERING
VALUE ENGINEERING

TOTAL VARIATION DIMINISHING SCHEMES
USE TVD SCHEMES

TOUCH
0408
UF CUTANEOUS PERCEPTION
TACTILE SENSATION
GS PERCEPTION
.SENSORY PERCEPTION
.#TOUCH
...TACTILE DISCRIMINATION
RT ELECTROCUTANEOUS COMMUNICATION
SKIN (ANATOMY)
TACTILE SENSORS (ROBOTICS)

TOUCHDOWN
3105
GS LANDING
#TOUCHDOWN
RT AIRCRAFT LANDING
APPROACH
APPROACH AND LANDING TESTS (STS)
DOWNRANGE
SPACECRAFT LANDING
VERTICAL LANDING
VERTICAL MOTION
WATER LANDING

TOUGHNESS
1704 2311 3204 3408
GS MECHANICAL PROPERTIES
#TOUGHNESS
..NOTCH SENSITIVITY
RT ABRASION RESISTANCE
BRITTLENESS
COMPRESSIVE STRENGTH
CRACK INITIATION
DUCTILITY
FRACTURE STRENGTH
HARDNESS
IMPACT TESTS
J INTEGRAL
SHEAR PROPERTIES
TENSILE STRENGTH
WEAR RESISTANCE

TOURMALINE
1806 2601
GS ALUMINUM COMPOUNDS
#TOURMALINE
BORON COMPOUNDS
#TOURMALINE
MINERALS
#TOURMALINE
SILICON COMPOUNDS
.SILICATES
..SODIUM SILICATES
..#TOURMALINE
SODIUM COMPOUNDS
.SODIUM SILICATES
.#TOURMALINE
RT IGNEOUS ROCKS

TOURNESOLE SATELLITE

```
  USE  D-2 SATELLITES

TOURNIQUETS
  0405
  GS   MEDICAL EQUIPMENT
       #TOURNIQUETS
  RT   BLOOD CIRCULATION
       BLOOD FLOW
       FIRST AID

TOW MISSILES
  3101
  GS   MISSILES
       .SURFACE TO SURFACE MISSILES
       ..ANTITANK MISSILES
       ..#TOW MISSILES

TOWED BODIES
  0202 0208
  UF   DROGUES
       TOWED TARGETS
  RT   AIRCRAFT BRAKES
     % BODIES
       BRAKES (FOR ARRESTING MOTION)
       DRAG CHUTES
       GLIDERS
       LIFTING BODIES
       PARACHUTES
       SLEDS
       STREAMLINED BODIES
       SUBMERGED BODIES
       TEST VEHICLES
       TOWING
       TRAILERS

TOWED TARGETS
  USE  TARGETS
       TOWED BODIES

TOWER SHIELDING REACTOR 2
  2203 2204
  GS   NUCLEAR REACTORS
       .NUCLEAR RESEARCH AND TEST REACTORS
       .#TOWER SHIELDING REACTOR 2
  RT   RADIATION SHIELDING

TOWERS
  1101 1102 1104 3102
  GS  #TOWERS
       .AIRPORT TOWERS
       .UMBILICAL TOWERS
  RT   AIR TRAFFIC CONTROL
       ANTENNAS
       BRIDGES (STRUCTURES)
       COLUMNS (SUPPORTS)
       CONCRETE STRUCTURES
       CONSTRUCTION INDUSTRY
       CRANES
       PYLONS
     % STRUCTURES
       TANKS (CONTAINERS)

TOWING
  0205 0208 1102 3404
  RT   CABLES (ROPES)
       TOWED BODIES
       TRACTORS
       TRAILERS

TOWNSEND AVALANCHE
  1203 2304 2404 2502
  UF   TOWNSEND SURFACES
  GS   AVALANCHES
       #TOWNSEND AVALANCHE
  RT   ELECTROMAGNETIC ABSORPTION
       ELECTRON AVALANCHE
       ION IMPACT
       SECONDARY EMISSION
     % SURFACES

TOWNSEND DISCHARGE
  1203 2304 2502
  GS   ELECTRIC CURRENT
       .ELECTRIC DISCHARGES
       .#TOWNSEND DISCHARGE
       ...GAS DISCHARGES
       ....TOROIDAL DISCHARGE
       .....RING DISCHARGE
  RT   ELECTRODELESS DISCHARGES
       ION IMPACT

TOWNSEND SURFACES
  USE  TOWNSEND AVALANCHE

TOXIC DISEASES
  0412
  UF   POISONING (TOXICOLOGY)
  GS   DISEASES
       #TOXIC DISEASES
       ..CARBON MONOXIDE POISONING
       ..LEAD POISONING
  RT   CLOSTRIDIUM BOTULINUM
       DIPHTHERIA
       HYPEROXIA
     % POISONING
       TOXICITY
       TOXICOLOGY

TOXIC HAZARDS
  0411 0412 0502
  GS   HAZARDS
       #TOXIC HAZARDS
  RT   AIRCRAFT HAZARDS
       FLIGHT HAZARDS
       OCCUPATIONAL DISEASES
     % POISONING
       TOXICITY

TOXICITY
  0412 3408
  GS  #TOXICITY
       .CARBON MONOXIDE POISONING
       .LEAD POISONING
  RT   ACIDOSIS
       ALKALOSIS
       CHEMICAL PROPERTIES
       ENDANGERED SPECIES
       HERBICIDES
       HYPEROXIA
       POISONS
       TOXIC DISEASES
       TOXIC HAZARDS
       TOXICOLOGY
       TOXINS AND ANTITOXINS
       VIRULENCE

TOXICITY AND SAFETY HAZARD
  0411 0412 0502
  GS   IRRITATION
       #TOXICITY AND SAFETY HAZARD
  RT   ACROLEINS
       BENZENE POISONING
       BERYLLIUM POISONING
       CARBON TETRACHLORIDE POISONING
       CHEMICAL PROPERTIES
       HAZARDOUS MATERIAL DISPOSAL (IN
       SPACE)
       HYDROCARBON POISONING
       INTOXICATION

TOXICOLOGY
  0405 0412
  RT   BENZENE POISONING
       BERYLLIUM POISONING
       CARBON TETRACHLORIDE POISONING
       CURARE
       ENDOTOXINS
       FUNGICIDES
       HAZARDS
       HEMOPERFUSION
       HYDROCARBON POISONING
       INSECTICIDES
       INTOXICATION
       NONPOINT SOURCES
       PESTICIDES
```

POLLUTION
RED TIDE
TOXIC DISEASES
TOXICITY
VACCINES

TOXINS AND ANTITOXINS
0405 0412
GS #TOXINS AND ANTITOXINS
.ENDOTOXINS
.POLYBROMINATED BIPHENYLS
RT IMMUNITY
TOXICITY
VACCINES

TQM (QUALITY CONTROL)
USE TOTAL QUALITY MANAGEMENT

TRAAC SATELLITE
USE TRANSIT ATTITUDE CONTROL SATELLITE

TRACE CONTAMINANTS
0411 2603
GS CONTAMINANTS
#TRACE CONTAMINANTS
RT CHEMICAL ELEMENTS
IMPURITIES
POLLUTION TRANSPORT
PURITY
% TRACING

TRACE ELEMENTS
0404 0603
RT ISOTOPIC LABELING
% NUTRIENTS
PARTICLE TRACKS
% TRACERS
% TRACING

% TRACERS
0405 0501 0601 0603
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT AMMUNITION
ISOTOPIC LABELING
MARKING
TRACE ELEMENTS

TRACHEA
0404
GS ANATOMY
.RESPIRATORY SYSTEM
.#TRACHEA
RT BRONCHI
% TUBES

TRACHYTE
1305 1306
GS ROCKS
.IGNEOUS ROCKS
.#TRACHYTE
RT SOILS
SYENITE

% TRACING
0404 0601 0602 2406
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT DRAWINGS
TRACE CONTAMINANTS
TRACE ELEMENTS

TRACKED VEHICLES
2102
GS SURFACE VEHICLES
.MOTOR VEHICLES
..TRACTORS
..#TRACKED VEHICLES
RT CRAWLER TRACTORS
% VEHICLES
VEHICULAR TRACKS

TRACKING (POSITION)
0702 0709 1003 1109 3006 3407 3009
UF TARGET TRACKING
TRACKING STUDIES
GS #TRACKING (POSITION)
.COMPENSATORY TRACKING
.INFRARED TRACKING
.MISSILE TRACKING
.MULTIPLE TARGET TRACKING
.OPTICAL TRACKING
.PHOTOGRAPHIC TRACKING
.POLYSTATION DOPPLER TRACKING SYSTEM
.PURSUIT TRACKING
.RADAR TRACKING
.RADIO TRACKING
..WILDLIFE RADIOLOCATION
.RANGE AND RANGE RATE TRACKING
.SPACE DETECTION AND TRACKING SYSTEM
.SPACECRAFT TRACKING
..SATELLITE TRACKING
...SATELLITE-TO-SATELLITE TRACKING
.STAR TRACKERS
..CCD STAR TRACKER
.VIDEO LANDMARK ACQUISITION AND TRACKING
RT AIR TRAFFIC CONTROL
AIRCRAFT DETECTION
APPROACH CONTROL
DETECTION
IDENTIFYING
INSTRUMENT LANDING SYSTEMS
LASER RANGER/TRACKER
MULTISPECTRAL TRACKING TELESCOPES
POSITION (LOCATION)
RANGEFINDING
RAY TRACING
SATELLITE DOPPLER POSITIONING
SOLAR SENSORS
SOUND LOCALIZATION
SOUND RANGING
TRACKING PROBLEM
% TRACKS

TRACKING AND DATA RELAY SATELLITES
USE TDR SATELLITES

TRACKING ANTENNAS
USE DIRECTIONAL ANTENNAS

TRACKING FILTERS
0701 0709 0905
GS ELECTROMAGNETIC WAVE FILTERS
.BANDPASS FILTERS
.#TRACKING FILTERS
.ELECTRIC FILTERS
.#TRACKING FILTERS
RT ADAPTIVE FILTERS
BANDSTOP FILTERS
BANDWIDTH
MULTIPLE TARGET TRACKING
PHASE LOCKED SYSTEMS
VIDEO LANDMARK ACQUISITION AND TRACKING

TRACKING NETWORKS
0702 0709 1109
GS #TRACKING NETWORKS
.DEEP SPACE NETWORK
.GLOBAL TRACKING NETWORK
.MANNED SPACE FLIGHT NETWORK
.MATTS (SYSTEMS)
.POLYSTATION DOPPLER TRACKING SYSTEM
.RADAR NETWORKS
.SPACE DETECTION AND TRACKING SYSTEM
.SPACE FLIGHT TRACKING AND DATA NETWORK
.STDN (NETWORK)

```
  RT   ADVANCED RANGE INSTRUMENTATION SHIP
       DATA ACQUISITION
       GROUND SUPPORT EQUIPMENT
       MINITRACK SYSTEM
       MISSILE TRACKING
     % NETWORKS
       ORION (RADIO INTERFEROMETRY
       NETWORK)
       SATELLITE TRACKING
       SATELLITE-TO-SATELLITE TRACKING
       SPACECRAFT TRACKING

TRACKING PROBLEM
  0709
  RT   AUTOMATIC CONTROL
       CONTROL THEORY
       FEEDBACK CONTROL
       LINEAR SYSTEMS
       MULTIPLE TARGET TRACKING
       NONLINEAR SYSTEMS
       OPTIMAL CONTROL
       OUTPUT
     % PROBLEMS
       TRACKING (POSITION)
       TRAJECTORY CONTROL
       TRAJECTORY OPTIMIZATION

TRACKING RADAR
  0705 0709 1109
  GS   RADAR
       #TRACKING RADAR
       ..COBRA DANE (RADAR)
  RT   COHERENT RADAR
       CONTINUOUS WAVE RADAR
       DIGITAL RADAR SYSTEMS
       MONOPULSE RADAR
       PULSE RADAR
       RADAR TRACKING
       SATELLITE-BORNE RADAR
       SEARCH RADAR
       SURVEILLANCE RADAR
       TRADEX RADAR SYSTEM
       TRAJECTORY MEASUREMENT

TRACKING STATIONS
  0709 1109
  GS   STATIONS
       #TRACKING STATIONS
       ..DEEP SPACE INSTRUMENTATION
         FACILITY
       ..GLOBAL TRACKING NETWORK
       ..POLYSTATION DOPPLER TRACKING
         SYSTEM
       ..SPACE DETECTION AND TRACKING
         SYSTEM
       ..STDN (NETWORK)
  RT % FENCES
       GROUND STATIONS
       GROUND SUPPORT EQUIPMENT
       JODRELL BANK OBSERVATORY
     % MARS
       MINITRACK SYSTEM
       MISSILE TRACKING
       RADAR NETWORKS
       SATELLITE TRACKING
       SPACE FLIGHT TRACKING AND DATA
       NETWORK
       SPACECRAFT TRACKING

TRACKING STUDIES
  USE  TRACKING (POSITION)

% TRACKS
  1109 3006
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  UF   TRAILS
  RT   CONVEYORS
       GROUND TRACKS
       METEOR TRAILS
       MINITRACK SYSTEM
       PARTICLE TRACKS
       PARTICLE TRAJECTORIES
       SMOKE TRAILS
       TRACKING (POSITION)
       VEHICULAR TRACKS

TRACTION
  1503 2308
  RT   ADHESION
       FRICTION
       PULLING

TRACTORS
  0205 1504
  GS   SURFACE VEHICLES
       .MOTOR VEHICLES
       .#TRACTORS
       ...CRAWLER TRACTORS
       ...TRACKED VEHICLES
  RT   AGRICULTURE
       ELECTRIC MOTOR VEHICLES
       GROUND HANDLING
       HANDLING EQUIPMENT
       LUNAR EXCAVATION EQUIPMENT
       MATERIALS HANDLING
       PLANTING
       PLOWING
       SLEDS
       TOWING
       TRANSPORTATION
       TRUCKS
     % VEHICLES

TRACTS
  USE  SITES

TRADEOFFS
  3404 3406 4001
  RT   DECISION MAKING
       MANAGEMENT ANALYSIS
       MANAGEMENT PLANNING

TRADER AIRCRAFT
  USE  C-1A AIRCRAFT

TRADESCANTIA
  0407 0409
  GS   PLANTS (BOTANY)
       #TRADESCANTIA

TRADEX RADAR SYSTEM
  0702 0705 0709
  GS   RADAR
       #TRADEX RADAR SYSTEM
  RT   SEARCH RADAR
     % SYSTEMS
       TARGET RECOGNITION
       TRACKING RADAR

TRAFFIC
  0203 0506 2101
  GS  #TRAFFIC
       .AIR TRAFFIC
  RT   ACCIDENTS
       AVOIDANCE
       HARBORS
       TRANSPORTATION

TRAFFIC CONTROL
  1101 1102 2101
  GS  #TRAFFIC CONTROL
       .AIR TRAFFIC CONTROL
       ..AUTOMATED EN ROUTE ATC
       ..RADAR APPROACH CONTROL
  RT   AIR TRAFFIC CONTROLLERS (PERSONNEL)
       AIRPORT TOWERS
       APPROACH CONTROL
       AVOIDANCE
       COLLISION AVOIDANCE
     % CONTROL
       GROUND BASED CONTROL
       NATIONAL AVIATION SYSTEM
```

TRAGACANTH
0409
GS PLANTS (BOTANY)
#TRAGACANTH

TRAILBLAZER 1 REENTRY VEHICLE
3105 3501
UF TRAILBLAZER 1 ROCKET VEHICLE
GS REENTRY VEHICLES
#TRAILBLAZER 1 REENTRY VEHICLE
RT HONEST JOHN ROCKET VEHICLE
LANCE MISSILE
MULTISTAGE ROCKET VEHICLES
NIKE-AJAX MISSILE
ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

TRAILBLAZER 1 ROCKET VEHICLE
USE TRAILBLAZER 1 REENTRY VEHICLE

TRAILBLAZER 2 REENTRY VEHICLE
3105 3501
UF TRAILBLAZER 2 ROCKET VEHICLE
GS REENTRY VEHICLES
#TRAILBLAZER 2 REENTRY VEHICLE
RT MULTISTAGE ROCKET VEHICLES
ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES
TX-354 ENGINE

TRAILBLAZER 2 ROCKET VEHICLE
USE TRAILBLAZER 2 REENTRY VEHICLE

TRAILERS
0802 1101 1103 1504
RT AUTOMOBILES
COUPLINGS
SLEDS
TANK TRUCKS
TOWED BODIES
TOWING
TRUCKS

TRAILING EDGE FLAPS
0101 0102 0104 0201
UF VARIABLE AREA WINGS
GS AIRFOILS
.FLAPS (CONTROL SURFACES)
..WING FLAPS
..#TRAILING EDGE FLAPS
BRAKES (FOR ARRESTING MOTION)
.AERODYNAMIC BRAKES
..WING FLAPS
..#TRAILING EDGE FLAPS
.AIRCRAFT BRAKES
..WING FLAPS
..#TRAILING EDGE FLAPS
CONTROL SURFACES
.FLAPS (CONTROL SURFACES)
..WING FLAPS
..#TRAILING EDGE FLAPS
DRAG DEVICES
.AERODYNAMIC BRAKES
..WING FLAPS
..#TRAILING EDGE FLAPS
RT JET FLAPS
LEADING EDGE SLATS
SPLIT FLAPS
VORTEX FLAPS

TRAILING EDGES
0101 0102 0104 0201
GS EDGES
#TRAILING EDGES
..BLUNT TRAILING EDGES
RT AIRFOILS
BLUNT LEADING EDGES
LEADING EDGES
SHARP LEADING EDGES
VORTEX FLAPS

TRAILS
USE TRACKS

TRAINEES
USE STUDENTS

TRAINERS
USE TRAINING DEVICES

TRAINING
USE EDUCATION

TRAINING AIRCRAFT
0201 0502
GS #TRAINING AIRCRAFT
.ALPHA JET AIRCRAFT
.CL-41 AIRCRAFT
.DH 115 AIRCRAFT
.G-91 AIRCRAFT
.JAGUAR AIRCRAFT
.JET PROVOST AIRCRAFT
.L-29 JET TRAINER
.T-2 AIRCRAFT
.T-28 AIRCRAFT
.T-33 AIRCRAFT
.T-37 AIRCRAFT
.T-38 AIRCRAFT
.T-39 AIRCRAFT
.TS-11 AIRCRAFT
RT % AIRCRAFT
BOMBER AIRCRAFT
FIGHTER AIRCRAFT
GENERAL AVIATION AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
% MILITARY AIRCRAFT
% SUBSONIC AIRCRAFT

TRAINING ANALYSIS
3405
RT % ANALYZING
% DEVELOPMENT
EDUCATION
HANDBOOKS
LEARNING
PERSONNEL DEVELOPMENT
PLANNING
RETRAINING

TRAINING DEVICES
0201 0202 0203 0502
UF TRAINERS
GS #TRAINING DEVICES
.TEACHING MACHINES
RT ALTITUDE SIMULATION
AUDIO VISUAL EQUIPMENT
CHILD DEVICE
COCKPIT SIMULATORS
% DEVICES
EDUCATION
EDUCATIONAL TELEVISION
FLIGHT SIMULATORS
MULTIMEDIA
ONBOARD EQUIPMENT
SIMULATORS
VISUAL AIDS

TRAINING EVALUATION
3406
GS EVALUATION
#TRAINING EVALUATION
RT CERTIFICATION
EXAMINATION
INSTRUCTORS
KNOWLEDGE
LEARNING
% PERFORMANCE
REVIEWING
SCHOOLS
STUDENTS

TRAINING SIMULATORS
0502
UF SIMULATOR TRAINING

```
  GS    SIMULATORS
        #TRAINING SIMULATORS
        ..FLIGHT SIMULATORS
        ...COCKPIT SIMULATORS
        ..SPACECRAFT CABIN SIMULATORS
  RT    ASTRONAUT TRAINING
        CENTRIFUGES
        CONTROL SIMULATION
        FLIGHT SIMULATION
        FLIGHT TRAINING
        LANDING SIMULATION
        LUNAR ORBIT AND LANDING SIMULATORS
      % MISSILE SIMULATORS
        PILOT TRAINING
        SPACE FLIGHT TRAINING
        VIRTUAL REALITY

TRAJECTORIES
  1901 1904 3006 3009
  GS   #TRAJECTORIES
        .ABORT TRAJECTORIES
        .ASCENT TRAJECTORIES
        .BALLISTIC TRAJECTORIES
        .DESCENT TRAJECTORIES
        ..REENTRY TRAJECTORIES
        .HYPERBOLIC TRAJECTORIES
        .INTERORBITAL TRAJECTORIES
        .MIDCOURSE TRAJECTORIES
        .MISSILE TRAJECTORIES
        .MOLECULAR TRAJECTORIES
        .PARTICLE TRAJECTORIES
        ..ELECTRON TRAJECTORIES
        .RENDEZVOUS TRAJECTORIES
        .ROUND TRIP TRAJECTORIES
        ..CIRCUMLUNAR TRAJECTORIES
        .SPACECRAFT TRAJECTORIES
        ..EARTH-VENUS TRAJECTORIES
        ..INTERPLANETARY TRAJECTORIES
        ...EARTH-MARS TRAJECTORIES
        ...EARTH-MERCURY TRAJECTORIES
        ..LUNAR TRAJECTORIES
        ...CIRCUMLUNAR TRAJECTORIES
        ...EARTH-MOON TRAJECTORIES
        ...MOON-EARTH TRAJECTORIES
        .SPINNING UNGUIDED ROCKET
         TRAJECTORY
        .UNDERWATER TRAJECTORIES
  RT    APEXES
        BALLISTICS
      % CURVES
        DOWNRANGE
        EQUATIONS OF MOTION
      % FLIGHT
        FLIGHT MECHANICS
        FLIGHT OPTIMIZATION
        FLIGHT PATHS
        FLIGHT TIME
        GREAT CIRCLES
        MISSILES
        ORBITS
        ORDNANCE
        PARABOLIC FLIGHT
      % PATHS
        ROCKET FLIGHT
        SPACE FLIGHT
        TRANSFER ORBITS

TRAJECTORY ANALYSIS
  1904 3006 3110 3009
  RT % ANALYZING
        ASTRODYNAMICS
        BALLISTICS
        CAPTURE EFFECT
        CELESTIAL MECHANICS
        EQUATIONS OF MOTION
        GODDARD TRAJECTORY DETERMINATION
        SYSTEM
        IMPACT PREDICTION
        MATHEMATICAL MODELS
        NUMERICAL ANALYSIS
        ORBITAL MECHANICS
        PREFLIGHT ANALYSIS
        SYSTEMS ANALYSIS
        TRAJECTORY PLANNING

TRAJECTORY CONTROL
  1904 2102 3006 3110
  UF    RANGE CONTROL
  GS   #TRAJECTORY CONTROL
        .TRAJECTORY OPTIMIZATION
  RT    ATTITUDE CONTROL
      % CONTROL
        DRIFT RATE
        GUIDANCE (MOTION)
        HOMING DEVICES
        LANDING SITES
        OPTIMAL CONTROL
        OPTIMIZATION
        POST BOOST PROPULSION SYSTEM
        RANGE SAFETY
        THRUST PROGRAMMING
        TRACKING PROBLEM
        TRAJECTORY PLANNING

TRAJECTORY MEASUREMENT
  1406 1410 1904 2102 3006 3501
  RT    BALLISTIC CAMERAS
        BALLISTICS
        FLIGHT MECHANICS
      % MEASUREMENT
        TELEMETRY
        TRACKING RADAR

TRAJECTORY OPTIMIZATION
  1904 2102 3006
  GS    OPTIMIZATION
        #TRAJECTORY OPTIMIZATION
        TRAJECTORY CONTROL
        #TRAJECTORY OPTIMIZATION
  RT    AIRCRAFT MANEUVERS
        FLIGHT MECHANICS
        FLIGHT OPTIMIZATION
        GENETIC ALGORITHMS
        GODDARD TRAJECTORY DETERMINATION
        SYSTEM
        TRACKING PROBLEM
        TRAJECTORY PLANNING

TRAJECTORY PLANNING
  1504 1904 3406
  UF    PATH PLANNING
  GS    PLANNING
        #TRAJECTORY PLANNING
  RT    ROBOT DYNAMICS
        ROBOTICS
        TRAJECTORY ANALYSIS
        TRAJECTORY CONTROL
        TRAJECTORY OPTIMIZATION

TRANQUILIZERS
  0403 0405 0408
  GS    DRUGS
        #TRANQUILIZERS
  RT    CENTRAL NERVOUS SYSTEM DEPRESSANTS
        HYPERTENSION
        SEDATIVES

TRANSALL C-160 AIRCRAFT
  USE   C-160 AIRCRAFT

TRANSATMOSPHERIC VEHICLES
  3104 0207
  RT    AEROSPACE PLANES
        AEROSPACE VEHICLES
      % AIRCRAFT
        AIRCRAFT DESIGN
        NATIONAL AEROSPACE PLANE PROGRAM
      % SPACECRAFT
        SPACECRAFT DESIGN
        X-30 VEHICLE

TRANSCEIVERS
  USE   TRANSMITTER RECEIVERS

TRANSCENDENTAL FUNCTIONS
```

1902
GS FUNCTIONS (MATHEMATICS)
#TRANSCENDENTAL FUNCTIONS
..EXPONENTIAL FUNCTIONS
...LOGARITHMS
..PERIODIC FUNCTIONS
...TRIGONOMETRIC FUNCTIONS
....COSINE SERIES
....SINE SERIES
....TANGENTS

TRANSCONDUCTANCE
1002 2302 2304
GS ELECTRICAL PROPERTIES
.ELECTRICAL IMPEDANCE
..ELECTRICAL RESISTANCE
..#TRANSCONDUCTANCE
IMPEDANCE
.ELECTRICAL IMPEDANCE
..ELECTRICAL RESISTANCE
..#TRANSCONDUCTANCE
RT % CONDUCTIVITY
ELECTRIC POTENTIAL
ELECTRODES
ELECTRON TUBES
LINEAR CIRCUITS
LOW CONDUCTIVITY
% LOW RESISTANCE
OHMMETERS
OHMS LAW
RC CIRCUITS
REACTANCE
% RESISTANCE
RL CIRCUITS
RLC CIRCUITS
SOLID ELECTRODES
VOLT-AMPERE CHARACTERISTICS

TRANSCONTINENTAL SYSTEMS
0702 3401 3406
RT CONTINENTS
% SYSTEMS
TELECOMMUNICATION
TRANSPORTATION

TRANSDUCERS
1413 3501
GS #TRANSDUCERS
.DIGITAL TRANSDUCERS
.ELECTRONIC TRANSDUCERS
.IMAGE TRANSDUCERS
.INTERDIGITAL TRANSDUCERS
.MAGNETIC TRANSDUCERS
.MODE TRANSFORMERS
.PIEZOELECTRIC TRANSDUCERS
..PIEZOELECTRIC GAGES
.PIEZORESISTIVE TRANSDUCERS
..PIEZOELECTRIC GAGES
.PRESSURE SENSORS
..BOURDON TUBES
.QUARTZ TRANSDUCERS
.SOUND TRANSDUCERS
..ELECTROACOUSTIC TRANSDUCERS
...HYDROPHONES
...LOUDSPEAKERS
...MICROPHONES
.THERMOPILES
.TORQUERS
.ULTRASONIC WAVE TRANSDUCERS
RT BULK ACOUSTIC WAVE DEVICES
CONTROL EQUIPMENT
% CONVERTERS
DATA CONVERTERS
% DETECTORS
ENERGY CONVERSION EFFICIENCY
EXTENSOMETERS
FORM FACTORS
INSTRUMENT RECEIVERS
INSTRUMENT TRANSMITTERS
% INSTRUMENTS
MEASURING INSTRUMENTS
METEOROLOGICAL INSTRUMENTS
PHOTOELECTRIC CELLS
% PROBES
RECORDING INSTRUMENTS
REMOTE SENSORS
% SENSORS
STRAIN GAGES
TEMPERATURE MEASURING INSTRUMENTS
ULTRASONIC CLEANING
VIBRATION METERS

TRANSEARTH INJECTION
2102
GS INJECTION
#TRANSEARTH INJECTION
RT INJECTION GUIDANCE
MIDCOURSE GUIDANCE
ORBITAL MECHANICS
TRANSFER ORBITS

TRANSEQUATORIAL PROPAGATION
0702 0710 2402
GS TRANSMISSION
.ELECTROMAGNETIC WAVE TRANSMISSION
..RADIO TRANSMISSION
..#TRANSEQUATORIAL PROPAGATION
.SIGNAL TRANSMISSION
..RADIO TRANSMISSION
..#TRANSEQUATORIAL PROPAGATION
.WAVE PROPAGATION
.#TRANSEQUATORIAL PROPAGATION
RT EQUATORS
F 2 REGION
% PROPAGATION

TRANSFER
USE TRANSFERRING

TRANSFER FUNCTIONS
1003 1902
GS FUNCTIONS (MATHEMATICS)
#TRANSFER FUNCTIONS
..LOOP TRANSFER FUNCTIONS
..MODULATION TRANSFER FUNCTION
..OPTICAL TRANSFER FUNCTION
RT AMPLIFICATION
AUTOMATIC CONTROL
BANDWIDTH
COUPLING COEFFICIENTS
DAMPING
DYNAMIC CHARACTERISTICS
DYNAMIC RESPONSE
FEEDBACK
FEEDBACK CIRCUITS
HIGH GAIN
IMPEDANCE MATCHING
LOGARITHMIC RECEIVERS
NEGATIVE FEEDBACK
NONLINEAR FEEDBACK
NYQUIST DIAGRAM
OUTPUT
POSITIVE FEEDBACK
SELF OSCILLATION
SENSITIVITY
% SYSTEMS
TIME CONSTANT
TRANSIENT RESPONSE

TRANSFER OF TRAINING
0408 0502 0504
GS LEARNING
#TRANSFER OF TRAINING
RT ABILITIES
EDUCATION
GENERALIZATION (PSYCHOLOGY)

TRANSFER ORBITS
1904
UF HOHMANN TRAJECTORIES
HOHMANN TRANSFER ORBITS
ORBITAL TRANSFER
GS ORBITS
.ELLIPTICAL ORBITS
.#TRANSFER ORBITS

...INTERPLANETARY TRANSFER ORBITS
.SPACECRAFT ORBITS
.#TRANSFER ORBITS
...INTERPLANETARY TRANSFER ORBITS
RT AEROASSIST
AEROBRAKING
AEROCAPTURE
AEROMANEUVERING
CIRCUMLUNAR TRAJECTORIES
EARTH ORBITAL RENDEZVOUS
EARTH ORBITS
EARTH-MARS TRAJECTORIES
EARTH-MERCURY TRAJECTORIES
EARTH-MOON TRAJECTORIES
EARTH-VENUS TRAJECTORIES
INTERPLANETARY TRAJECTORIES
LUNAR ORBITS
LUNAR TRAJECTORIES
MOON-EARTH TRAJECTORIES
ORBIT INSERTION
ORBITAL LAUNCHING
ORBITAL MECHANICS
PARKING ORBITS
PLANETARY ORBITS
SATELLITE ORBITS
SOLAR ORBITS
SPACE RENDEZVOUS
SPACECRAFT DOCKING
TRAJECTORIES
TRANSEARTH INJECTION
TRANSFERRING
TRANSLUNAR INJECTION

TRANSFER TUNNELS
3104
GS PASSAGEWAYS
#TRANSFER TUNNELS
RT ENTRANCES
% TUNNELS

TRANSFERRED ELECTRON DEVICES
0903
UF TED
GS ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
..#TRANSFERRED ELECTRON DEVICES
RT DIFFRACTION RADIATION
ELECTRON TRANSFER
GALLIUM ARSENIDES
INDIUM PHOSPHIDES
MICROWAVE AMPLIFIERS
MICROWAVE OSCILLATORS

TRANSFERRING
3406 3407 3408
UF TRANSFER
GS #TRANSFERRING
.DROP TRANSFER
RT CHARGE TRANSFER
ELECTRON TRANSFER
ENERGY TRANSFER
EXCHANGING
HEAT TRANSFER
MASS TRANSFER
MATERIALS HANDLING
MOMENTUM TRANSFER
% SHIFT
TECHNOLOGY TRANSFER
TRANSFER ORBITS
TRANSPORTATION

TRANSFORM INTEGRALS
USE INTEGRAL TRANSFORMATIONS

TRANSFORMATION TENSORS
USE TENSORS

% TRANSFORMATIONS
0404 1704 1902 2311 3407
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT FUJITA METHOD
FUNCTIONS (MATHEMATICS)
ORDER-DISORDER TRANSFORMATIONS
PHASE TRANSFORMATIONS
TRANSFORMATIONS (MATHEMATICS)

TRANSFORMATIONS (MATHEMATICS)
1902 1903
UF TRANSFORMS
GS #TRANSFORMATIONS (MATHEMATICS)
.COORDINATE TRANSFORMATIONS
.HOUSEHOLDER TRANSFORMATIONS
.INTEGRAL TRANSFORMATIONS
..FOURIER TRANSFORMATION
...FAST FOURIER TRANSFORMATIONS
..FOURIER-BESSEL TRANSFORMATIONS
..HILBERT TRANSFORMATION
..LAPLACE TRANSFORMATION
.LINEAR TRANSFORMATIONS
RT FUJITA METHOD
FUNCTIONS (MATHEMATICS)
GAUGE INVARIANCE
RACAH COEFFICIENT
% TRANSFORMATIONS
WAVELET ANALYSIS

TRANSFORMERS
0302 0904
GS #TRANSFORMERS
.INSTRUMENT TRANSFORMERS
.MODE TRANSFORMERS
.VOLTAGE CONVERTERS (AC TO AC)
RT AMPLIFIERS
BALLASTS (IMPEDANCES)
CIRCUIT PROTECTION
% CONVERTERS
COUPLING CIRCUITS
DIPLEXERS
ELECTRIC COILS
ELECTRIC FILTERS
ELECTRIC MOTORS
ELECTRIC REACTORS
ELECTRICAL GROUNDING
INDUCTANCE
MAGNET COILS
MAGNETIC CIRCUITS
MAGNETIC CORES
OSCILLATORS
PHASE CONTROL
PLASMA CONTROL
POWER SUPPLY CIRCUITS
RESOLVERS
SATURABLE REACTORS
SOLID STATE DEVICES
TOROIDS
UP-CONVERTERS
VOLTAGE REGULATORS

TRANSFORMS
USE TRANSFORMATIONS (MATHEMATICS)

TRANSFUSION
0401 0405
RT BLOOD
FIRST AID
MEDICAL SCIENCE
SYRINGES
VEINS

TRANSGRANULAR CORROSION
1702
GS CHEMICAL ATTACK
#TRANSGRANULAR CORROSION
CORROSION
#TRANSGRANULAR CORROSION
RT CORROSION TESTS
GRAIN BOUNDARIES
INTERGRANULAR CORROSION
METAL FATIGUE
PROTECTIVE COATINGS
STRESS CORROSION

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TRANSHORIZON RADIO PROPAGATION
  0705 0901 2402
  GS   TRANSMISSION
       .ELECTROMAGNETIC WAVE TRANSMISSION
       ..RADIO TRANSMISSION
       ..#TRANSHORIZON RADIO PROPAGATION
       .SIGNAL TRANSMISSION
       ..RADIO TRANSMISSION
       ..#TRANSHORIZON RADIO PROPAGATION
  RT   RADIO ATTENUATION
       RADIO SIGNALS

TRANSIENT HEATING
  3303 3304 3501
  GS   HEATING
       #TRANSIENT HEATING
       ..PULSE HEATING
       ..SHOCK HEATING
  RT   AERODYNAMIC HEATING

TRANSIENT LOADS
  0101 3202 3203
  SN   (LIMITED TO FORCE LOADS)
  GS   LOADS (FORCES)
       .DYNAMIC LOADS
       .#TRANSIENT LOADS
       ...GUST LOADS
       ...IMPACT LOADS
       ...LANDING LOADS
       ...SHOCK LOADS
       ....BLAST LOADS
  RT   AERODYNAMIC LOADS
       CONTACT LOADS
       CYCLIC LOADS
       RANDOM LOADS
       STRUCTURAL DESIGN CRITERIA

TRANSIENT OSCILLATIONS
  0710 1002 2308 2312 2402
  GS   OSCILLATIONS
       #TRANSIENT OSCILLATIONS
  RT   DAMPING
       ELECTRON OSCILLATIONS
       LASERS
       MASERS
       PILOT INDUCED OSCILLATION
       STIMULATED EMISSION DEVICES
       TRANSVERSE OSCILLATION

TRANSIENT PRESSURES
  1202 1203 2311
  GS   PRESSURE
       #TRANSIENT PRESSURES
  RT   MASS FLOW RATE
       PRESSURE SENSORS

TRANSIENT REACTOR TEST FACILITY
  1106 1108 2203 2204 3404
  UF   TREAT (TEST FACILITY)
  GS   TEST FACILITIES
       #TRANSIENT REACTOR TEST FACILITY
  RT   NUCLEAR RESEARCH AND TEST REACTORS
       REACTOR SAFETY
       SNAP

TRANSIENT RESPONSE
  0905 1809 2309 2402 3203 3304
  GS   DYNAMIC CHARACTERISTICS
       #TRANSIENT RESPONSE
       RESPONSES
       .DYNAMIC RESPONSE
       .#TRANSIENT RESPONSE
  RT   AMPLIFICATION
     % COMPENSATION
       DAMPING
       DYNAMIC STABILITY
       IMPEDANCE
       PRESSURE SENSORS
       RESONANT FREQUENCIES
       RESPONSE BIAS
       SENSITIVITY
       STROKING TESTS
       TIME CONSTANT
       TRANSFER FUNCTIONS

TRANSIENTS (SURGES)
  USE  SURGES

TRANSISTOR AMPLIFIERS
  0701 0905 0906 2402
  GS   AMPLIFIERS
       #TRANSISTOR AMPLIFIERS
       ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SEMICONDUCTOR DEVICES
       ..#TRANSISTOR AMPLIFIERS
  RT   CURRENT AMPLIFIERS
       DIFFERENTIAL AMPLIFIERS
       FEEDBACK AMPLIFIERS
       INTERMEDIATE FREQUENCY AMPLIFIERS
       OPERATIONAL AMPLIFIERS
       POWER AMPLIFIERS
       PREAMPLIFIERS
       TRANSISTORS

TRANSISTOR CIRCUITS
  0902 0906 1001
  GS   CIRCUITS
       #TRANSISTOR CIRCUITS
  RT   DTL INTEGRATED CIRCUITS
     % ELECTRONICS
       HYBRID CIRCUITS
       INTEGRATED CIRCUITS
       LINEAR INTEGRATED CIRCUITS
       LOGIC CIRCUITS
       MICROELECTRONICS
       PRINTED CIRCUITS
       TTL INTEGRATED CIRCUITS

TRANSISTOR LOGIC
  0802 0906 1001
  RT   BOOLEAN ALGEBRA
     % LOGIC
       LOGIC CIRCUITS
       LOGIC DESIGN
       THRESHOLD LOGIC

TRANSISTOR-TRANSISTOR-LOGIC INTEG CIRCUITS
  USE  TTL INTEGRATED CIRCUITS

TRANSISTORS
  0906
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SEMICONDUCTOR DEVICES
       ..#TRANSISTORS
       ....BIPOLAR TRANSISTORS
       ....FIELD EFFECT TRANSISTORS
       .....CHARGE FLOW DEVICES
       .....JFET
       .....MODFETS
       ....HIGH ELECTRON MOBILITY
           TRANSISTORS
       .....MODFETS
       ....JUNCTION TRANSISTORS
       .....JFET
       ....PHOTOTRANSISTORS
       ....SILICON TRANSISTORS
       .....SOS (SEMICONDUCTORS)
  RT   GERMANIUM DIODES
       ION IMPLANTATION
       MINIATURIZATION
       PENTODES
       RESONANT TUNNELING
       SIS (SEMICONDUCTORS)
       TETRODES
       TRANSISTOR AMPLIFIERS
       TRAPATT DEVICES
       TRIODES

% TRANSIT
  1412 1901 3001 3003
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
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  RT   OCCULTATION
       TRANSIT SATELLITES
       TRANSITS

TRANSIT ATTITUDE CONTROL SATELLITE
  2103 2104 3107
  UF   TRAAC SATELLITE
  GS   ARTIFICIAL SATELLITES
       .NAVIGATION SATELLITES
       .#TRANSIT ATTITUDE CONTROL
         SATELLITE
  RT % CONTROL
       SATELLITE ATTITUDE CONTROL

TRANSIT NAVIGATION SYSTEM
  2104
  GS   SATELLITE NAVIGATION SYSTEMS
       #TRANSIT NAVIGATION SYSTEM
  RT   NASA PROGRAMS
       NAVIGATION SATELLITES
       NOVA SATELLITES
       TRANSIT SATELLITES

TRANSIT SATELLITES
  2103 2104 3107 3409
  GS   ARTIFICIAL SATELLITES
       .NAVIGATION SATELLITES
       .#TRANSIT SATELLITES
  RT   DISCOS (SATELLITE ATTITUDE CONTROL)
     % TRANSIT
       TRANSIT NAVIGATION SYSTEM

TRANSIT TIME
  1901 3001 3003
  SN   (NOT LIMITED TO ASTRONOMICAL TIMES
       OF TRANSIT)
  GS   TIME
       #TRANSIT TIME
  RT   BARRITT DIODES
       CATT DEVICES
       FLIGHT TIME
     % MOTION

% TRANSITION
  1704 2311 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   BOUNDARY LAYER TRANSITION
       ELECTRON TRANSITIONS
       FORBIDDEN TRANSITIONS
       PHASE TRANSFORMATIONS

TRANSITION FLIGHT
  0201
  RT   AIRCRAFT MANEUVERS
     % FLIGHT
       HORIZONTAL FLIGHT
       HOVERING
       V/STOL AIRCRAFT
       VERTICAL FLIGHT

TRANSITION FLOW
  0201 1202 1203
  GS   FLUID FLOW
       .GAS FLOW
       ..MOLECULAR FLOW
       ..#TRANSITION FLOW
  RT   BOUNDARY LAYER TRANSITION
       FREE MOLECULAR FLOW
       PERIOD DOUBLING
       RAREFIED GAS DYNAMICS
       SLIP FLOW

% TRANSITION LAYERS
  0101 1202 1203
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   BOUNDARY LAYER TRANSITION
       INTERLAYERS
       LAMINAR FLOW
       PLASMA LAYERS
       SHEAR LAYERS
       SHOCK LAYERS
       SHOCK WAVES
       SURFACE LAYERS
       TURBULENT FLOW

TRANSITION METALS
  0603 1703
  GS   METALS
       #TRANSITION METALS
       ..CADMIUM
       ...CADMIUM ISOTOPES
       ..CHROMIUM
       ...CHROMIUM ISOTOPES
       ..COBALT
       ...COBALT ISOTOPES
       ....COBALT 58
       ....COBALT 60
       ..COPPER
       ...COPPER ISOTOPES
       ..GOLD
       ...GOLD ISOTOPES
       ....GOLD 198
       ..HAFNIUM
       ...HAFNIUM ISOTOPES
       ..IRIDIUM
       ...IRIDIUM ISOTOPES
       ..IRON
       ...IRON ISOTOPES
       ....IRON 57
       ....IRON 58
       ....IRON 59
       ..MANGANESE
       ...MANGANESE ISOTOPES
       ..MERCURY (METAL)
       ..MOLYBDENUM
       ..NICKEL
       ...NICKEL ISOTOPES
       ..NIOBIUM
       ...NIOBIUM ISOTOPES
       ....NIOBIUM 95
       ..OSMIUM
       ...OSMIUM ISOTOPES
       ..PALLADIUM
       ..PLATINUM
       ...PLATINUM ISOTOPES
       ..RHENIUM
       ...RHENIUM ISOTOPES
       ..RHODIUM
       ...RHODIUM ISOTOPES
       ..RUTHENIUM
       ...RUTHENIUM ISOTOPES
       ..SCANDIUM
       ...SCANDIUM ISOTOPES
       ..SILVER
       ...SILVER ISOTOPES
       ..TANTALUM
       ...TANTALUM ISOTOPES
       ..TECHNETIUM
       ..TECHNETIUM ISOTOPES
       ..TITANIUM
       ...TITANIUM ISOTOPES
       ..TUNGSTEN
       ..TUNGSTEN ISOTOPES
       ..VANADIUM
       ...VANADIUM ISOTOPES
       ..YTTRIUM
       ...YTTRIUM ISOTOPES
       ..ZINC
       ...ZINC ISOTOPES
       ..ZIRCONIUM
       ...ZIRCONIUM ISOTOPES
       ....ZIRCONIUM 95
  RT   ACTINIDE SERIES
       COMPLEX COMPOUNDS
       METAL NITRIDES
       PALLADIUM COMPOUNDS
       RARE EARTH ELEMENTS
       REFRACTORY METALS
       RUTHENIUM COMPOUNDS
       SHAPE MEMORY ALLOYS
       TRANSURANIUM ELEMENTS
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TRANSITION POINTS
  0101 1202 1203
  RT   BOUNDARY LAYER TRANSITION
     % EQUILIBRIUM
       KNUDSEN FLOW
       PHASE DIAGRAMS
       REYNOLDS NUMBER

TRANSITION PRESSURE
  1202
  GS   PRESSURE
       #TRANSITION PRESSURE
  RT   HIGH PRESSURE
       HYDROSTATIC PRESSURE
       PHASE TRANSFORMATIONS
       PRESSURE EFFECTS

TRANSITION PROBABILITIES
  1902 1905 2309 2403
  RT   ELECTRON TRANSITIONS
       EXCITATION
       FERMI SURFACES
       NUCLEAR CAPTURE
       PROBABILITY THEORY
       SPECTRA

TRANSITION TEMPERATURE
  2302 2303 2304 2603 3304
  GS   TEMPERATURE
       #TRANSITION TEMPERATURE
  RT   DUCTILE-BRITTLE TRANSITION
       GLASS TRANSITION TEMPERATURE
       HEAT OF FUSION
       KONDO EFFECT
       LIQUID PHASES
       MELTING POINTS
       PHASE DIAGRAMS
       PHASE TRANSFORMATIONS
       SOLIDIFICATION
       SUPERCONDUCTING POWER TRANSMISSION
       SUPERCONDUCTIVITY

TRANSITS
  1402 1406 2310
  SN   (EXCLUDES PARTIAL OR TOTAL
       OCCULTATION OF ONE BODY BY ANOTHER)
  GS   MEASURING INSTRUMENTS
       .OPTICAL MEASURING INSTRUMENTS
       .#TRANSITS
       ...THEODOLITES
       ....CINETHEODOLITES
       OPTICAL EQUIPMENT
       .OPTICAL MEASURING INSTRUMENTS
       .#TRANSITS
       ...THEODOLITES
       ....CINETHEODOLITES
  RT   COMPASSES
       SEXTANTS
     % TRANSIT

TRANSLATING
  0702 0802 2308 3405 3407
  GS  #TRANSLATING
       .MACHINE TRANSLATION
  RT   DECODING
       DOCUMENTATION
     % INTERPRETATION
       LANGUAGES
       TECHNICAL WRITING
     % TRANSLATORS

TRANSLATIONAL MOTION
  1901 1904 3001 3006 3009
  GS  #TRANSLATIONAL MOTION
       .THREE DIMENSIONAL MOTION
       ..THREE DIMENSIONAL FLOW
       ...KARMAN-BODEWADT FLOW
       ...SECONDARY FLOW
  RT % MOTION
       RACKS (GEARS)
       RIGID STRUCTURES

% TRANSLATORS
  0802 1902
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   COMPUTER PROGRAMS
       DECODERS
       DIGITAL TO VOICE TRANSLATORS
       LANGUAGE PROGRAMMING
       REPEATERS
       TRANSLATING

TRANSLUCENCE
  0710 2306 2310 3408
  GS   ELECTROMAGNETIC PROPERTIES
       .OPTICAL PROPERTIES
       .#TRANSLUCENCE
  RT   LIGHT TRANSMISSION
       OPACITY
       OPTICAL DENSITY
       TRANSMISSIVITY
       TRANSPARENCE

TRANSLUNAR INJECTION
  2102
  GS   INJECTION
       #TRANSLUNAR INJECTION
  RT   INJECTION GUIDANCE
       MIDCOURSE GUIDANCE
       ORBITAL MECHANICS
       TRANSFER ORBITS

TRANSLUNAR SPACE
  USE  INTERPLANETARY SPACE

TRANSMISSION
  0702 1504 2311 3407
  UF   COAXIAL TRANSMISSION
  GS  #TRANSMISSION
       .DEMULTIPLEXING
       .ELECTRIC POWER TRANSMISSION
       .ELECTROMAGNETIC WAVE TRANSMISSION
       ..LIGHT TRANSMISSION
       ...LIGHT SCATTERING
       ....HALOS
       ..RADAR TRANSMISSION
       ..RADIO TRANSMISSION
       ...DOUBLE SIDEBAND TRANSMISSION
       ...IONOSPHERIC PROPAGATION
       ....IONOSPHERIC F-SCATTER
          PROPAGATION
       ...MICROWAVE ATTENUATION
       ...MICROWAVE TRANSMISSION
       ...MULTIPATH TRANSMISSION
       ...SHORT WAVE RADIO TRANSMISSION
       ...SINGLE SIDEBAND TRANSMISSION
       ...SPREAD SPECTRUM TRANSMISSION
       ...TRANSEQUATORIAL PROPAGATION
       ...TRANSHORIZON RADIO PROPAGATION
       ..SCATTER PROPAGATION
       ...IONOSPHERIC F-SCATTER
          PROPAGATION
       ..TELEVISION TRANSMISSION
       .HEAT TRANSMISSION
       ..HEAT TRANSFER
       ...AERODYNAMIC HEAT TRANSFER
       ....HYPERSONIC HEAT TRANSFER
       ....SUPERSONIC HEAT TRANSFER
       ...CONDUCTIVE HEAT TRANSFER
       ...CONVECTIVE HEAT TRANSFER
       ...LAMINAR HEAT TRANSFER
       ...RADIATIVE HEAT TRANSFER
       ...TURBULENT HEAT TRANSFER
       .MULTIPLEXING
       ..CODE DIVISION MULTIPLEXING
       ..FREQUENCY DIVISION MULTIPLEXING
       ..TIME DIVISION MULTIPLEXING
       ..WAVELENGTH DIVISION MULTIPLEXING
       .SELF PROPAGATION
       .SIGNAL TRANSMISSION
       ..DATA TRANSMISSION
       ...AUTOMATIC PICTURE TRANSMISSION
```

...MULTIPLE ACCESS
....ALOHA SYSTEM
....CODE DIVISION MULTIPLE ACCESS
....FREQUENCY DIVISION MULTIPLE ACCESS
...PACKET TRANSMISSION
....ALOHA SYSTEM
...SINGLE CHANNEL PER CARRIER TRANSMISSION
..RADAR TRANSMISSION
..RADIO TRANSMISSION
...DOUBLE SIDEBAND TRANSMISSION
...IONOSPHERIC PROPAGATION
....IONOSPHERIC F-SCATTER PROPAGATION
...MICROWAVE ATTENUATION
...MICROWAVE TRANSMISSION
...MULTIPATH TRANSMISSION
...SHORT WAVE RADIO TRANSMISSION
...SINGLE SIDEBAND TRANSMISSION
...TRANSEQUATORIAL PROPAGATION
...TRANSHORIZON RADIO PROPAGATION
..SATELLITE TRANSMISSION
..TELEMETRY
...BIOTELEMETRY
...P.A.C.M. TELEMETRY
...PCM TELEMETRY
...RADIO TELEMETRY
....PULSE FREQUENCY MODULATION TELEMETRY
..TELEVISION TRANSMISSION
.SOUND TRANSMISSION
.STRESS PROPAGATION
.TELEPHONY
.WAVE PROPAGATION
..ACOUSTIC PROPAGATION
..DIFFRACTION PROPAGATION
..GROUND WAVE PROPAGATION
..IONOSPHERIC PROPAGATION
...IONOSPHERIC F-SCATTER PROPAGATION
..LIGHT SCATTERING
...HALOS
..SCATTER PROPAGATION
...IONOSPHERIC F-SCATTER PROPAGATION
..SHOCK WAVE PROPAGATION
..TRANSEQUATORIAL PROPAGATION
RT ABSORPTANCE
ATMOSPHERIC ATTENUATION
ATTENUATION
BROADCASTING
% CONDUCTION
DIFFRACTION
ELECTROMAGNETIC ABSORPTION
ELECTROMAGNETIC RADIATION
OPTICAL FILTERS
OUTPUT
% PROPAGATION
RADAR ATTENUATION
RADIO ATTENUATION
REFLECTION
REFRACTION
SIGNAL REFLECTION
TELECOMMUNICATION
TRANSMISSIVITY
TRANSMITTANCE
WAVE DISPERSION

TRANSMISSION CIRCUITS
0702 0904 0905
GS CIRCUITS
#TRANSMISSION CIRCUITS
RT CIRCUIT PROTECTION
ELECTRIC POWER TRANSMISSION
SIGNAL STABILIZATION
STRIP TRANSMISSION LINES
TELECOMMUNICATION

TRANSMISSION EFFICIENCY
0702 0710 2402
GS EFFICIENCY
#TRANSMISSION EFFICIENCY
RT ALOHA SYSTEM
ATTENUATION COEFFICIENTS
BIT ERROR RATE
CARRIER TO NOISE RATIOS
DATA TRANSMISSION
DOWNLINKING
ELECTROMAGNETIC WAVE TRANSMISSION
FREQUENCY HOPPING
INTERSYMBOLIC INTERFERENCE
NETWORK CONTROL
OPACITY
PACKET TRANSMISSION
PACKETS (COMMUNICATION)
POWER EFFICIENCY
SIGNAL TRANSMISSION
TRANSMISSION RATE (COMMUNICATIONS)
TRANSMITTANCE
UPLINKING

TRANSMISSION ELECTRON MICROSCOPY
1406
UF TEM (MICROSCOPY)
GS MICROSCOPY
.ELECTRON MICROSCOPY
.#TRANSMISSION ELECTRON MICROSCOPY
RT ELECTRON BEAMS
ELECTRON SCATTERING
FIELD EMISSION
ION MICROSCOPES
MAGNETIC LENSES
MICROANALYSIS
PHASE CONTRAST
SCANNING TUNNELING MICROSCOPY

TRANSMISSION FLUIDS
1503 1504
RT FLUID TRANSMISSION LINES
% FLUIDS
HYDRAULIC FLUIDS
WORKING FLUIDS

TRANSMISSION LINES
0702 0710 2402
UF TRUNKS (LINES)
GS #TRANSMISSION LINES
.COMMUNICATION CABLES
..COAXIAL CABLES
.FLUID TRANSMISSION LINES
.POWER LINES
.STRIP TRANSMISSION LINES
..MICROSTRIP TRANSMISSION LINES
.SUBMARINE CABLES
.UNDERGROUND TRANSMISSION LINES
RT ACOUSTIC DELAY LINES
ANTENNA COUPLERS
ANTENNA FEEDS
BACKWARD WAVES
% CABLES
CIRCUIT PROTECTION
CIRCUITS
DELTA ANTENNAS
DIRECTIONAL COUPLERS
DISTRIBUTED AMPLIFIERS
ELECTRIC CONDUCTORS
ELECTRIC CURRENT
ELECTRIC POWER TRANSMISSION
ELECTRIC WIRE
ELECTRICAL ENGINEERING
ELECTRIFICATION
HARNESSES
IMPEDANCE MATCHING
INSULATORS
% LINES
MODE TRANSFORMERS
% NETWORKS
NONRESONANCE
OPTICAL FIBERS
SMITH CHART
STANDING WAVE RATIOS
SUPERCONDUCTING POWER TRANSMISSION
TELECOMMUNICATION
WAVEGUIDES

WIRING

TRANSMISSION LOSS
0702 0703 0710 2402
RT ATTENUATION
CURRENT REGULATORS
ELECTRIC POWER TRANSMISSION
INSERTION
INSERTION LOSS
LOSSES
LOSSY MEDIA
SILENCE
TRANSMISSION RATE (COMMUNICATIONS)
VOLTAGE REGULATORS
WAVE DISPERSION

TRANSMISSION RATE (COMMUNICATIONS)
UF TRANSMISSION SPEED (COMMUNICATIONS)
GS RATES (PER TIME)
#TRANSMISSION RATE (COMMUNICATIONS)
RT ACCESS TIME
BIT ERROR RATE
CHANNEL CAPACITY
DATA TRANSMISSION
DELAY
INTERPROCESSOR COMMUNICATION
SATELLITE COMMUNICATION
SIGNAL RECEPTION
SIGNAL TRANSMISSION
TELECOMMUNICATION
TIME LAG
TRANSMISSION EFFICIENCY
TRANSMISSION LOSS

TRANSMISSION SPEED (COMMUNICATIONS)
USE TRANSMISSION RATE (COMMUNICATIONS)

TRANSMISSIONS (MACHINE ELEMENTS)
1402
GS MECHANICAL DRIVES
#TRANSMISSIONS (MACHINE ELEMENTS)
RT GEARS
SHAFTS (MACHINE ELEMENTS)
TORQUE CONVERTERS
TORQUE MOTORS
VEHICLE WHEELS

TRANSMISSIVITY
0710 2306 2310 2402
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
.#TRANSMISSIVITY
RT ABSORPTANCE
ABSORPTIVITY
DENSITY (MASS/VOLUME)
LIGHT SCATTERING
OPACITY
% PHYSICAL PROPERTIES
TRANSLUCENCE
TRANSMISSION
TRANSMITTANCE
TRANSPARENCE
TRANSPONDERS
VISIBILITY

TRANSMISSOMETERS
0905 1406 2402
GS MEASURING INSTRUMENTS
.OPTICAL MEASURING INSTRUMENTS
.#TRANSMISSOMETERS
OPTICAL EQUIPMENT
.OPTICAL MEASURING INSTRUMENTS
.#TRANSMISSOMETERS
RT DENSITOMETERS
PHOTOMETERS
RADIANCE
TELEPHOTOMETRY
TRANSMITTANCE

TRANSMITTANCE
0710 2306 2402
GS ELECTROMAGNETIC PROPERTIES
.OPTICAL PROPERTIES
.#TRANSMITTANCE
RT ABSORPTANCE
ATTENUATION COEFFICIENTS
DENSITY (MASS/VOLUME)
ELECTROMAGNETIC ABSORPTION
INFRARED ABSORPTION
LIGHT (VISIBLE RADIATION)
OPTICAL DENSITY
PHOTOMETRY
RAY TRACING
REFLECTANCE
SCATTERING
TRANSMISSION
TRANSMISSION EFFICIENCY
TRANSMISSIVITY
TRANSMISSOMETERS
TRANSPARENCE

TRANSMITTER RECEIVERS
0701 0705 0905
UF TRANSCEIVERS
GS COMMUNICATION EQUIPMENT
.RADIO RECEIVERS
.#TRANSMITTER RECEIVERS
RADIO EQUIPMENT
.RADIO RECEIVERS
.#TRANSMITTER RECEIVERS
.RADIO TRANSMITTERS
.#TRANSMITTER RECEIVERS
RECEIVERS
.RADIO RECEIVERS
.#TRANSMITTER RECEIVERS
TRANSMITTERS
.RADIO TRANSMITTERS
.#TRANSMITTER RECEIVERS
RT INTERROGATION
TRANSPONDERS

TRANSMITTERS
0701 0904
UF SENDERS
GS #TRANSMITTERS
.EMERGENCY LOCATOR TRANSMITTERS
.INSTRUMENT TRANSMITTERS
.RADAR TRANSMITTERS
.RADIO TRANSMITTERS
..RADIO BEACONS
...OMNIDIRECTIONAL RADIO RANGES
....SELF CALIBRATING OMNIRANGE
..RADIOMETEOROGRAPHS
..RADIOSONDES
...ENDORADIOSONDES
...IONOSONDES
...RAWINSONDES
..RADIOTELEPHONES
..SONOBUOYS
..TRANSMITTER RECEIVERS
.REPEATERS
RT ANTENNAS
ATTENUATION
DUPLEXERS
% INSTRUMENTS
MICROPHONES
RECEIVERS
SIGNAL ENCODING
TELECOMMUNICATION
TELEVISION TRANSMISSION
TRANSPONDERS

TRANSMUTATION
0603
GS NUCLEAR REACTIONS
.NUCLEAR TRANSFORMATIONS
.#TRANSMUTATION
RT NEUTRON IRRADIATION
RADIOGENIC MATERIALS

TRANSOCEANIC COMMUNICATION
0702 3404
GS TELECOMMUNICATION
#TRANSOCEANIC COMMUNICATION
TRANSOCEANIC SYSTEMS

```
       #TRANSOCEANIC COMMUNICATION
  RT   FACSIMILE COMMUNICATION
       RADIO COMMUNICATION
       RELAY SATELLITES

TRANSOCEANIC FLIGHT
  0201
  RT % FLIGHT

TRANSOCEANIC SYSTEMS
  0702 3401 3406
  GS  #TRANSOCEANIC SYSTEMS
       .TRANSOCEANIC COMMUNICATION
  RT   INTERCONTINENTAL BALLISTIC MISSILES
       OCEAN DATA ACQUISITIONS SYSTEMS
     % SYSTEMS
       TELECOMMUNICATION
       TRANSPORTATION
       WORLD DATA CENTERS

TRANSONIC AIRCRAFT
  USE  SUPERSONIC AIRCRAFT

TRANSONIC AIRCRAFT TECHNOLOGY PROGRAM
  USE  TACT PROGRAM

TRANSONIC COMPRESSORS
  1202 1203 2801 2805
  GS   COMPRESSORS
       #TRANSONIC COMPRESSORS
  RT   SUPERSONIC COMPRESSORS
       TURBOCOMPRESSORS

TRANSONIC FLIGHT
  0101 0205
  RT % FLIGHT
       ROCKET FLIGHT
       SONIC BOOMS
       SUPERSONIC FLIGHT

TRANSONIC FLOW
  0101 1202 1203
  UF   SONIC FLOW
       TRANSONICS
  GS   FLUID FLOW
       .COMPRESSIBLE FLOW
       .#TRANSONIC FLOW
  RT   AERODYNAMICS
       COMPRESSIBILITY EFFECTS
     % FLOW
       FLOW VELOCITY
       GAS FLOW
       NOZZLE FLOW
       SHOCK WAVES
       SONIC NOZZLES
       SUBSONIC FLOW
       SUPERSONIC FLOW
       TRISONIC WIND TUNNELS
       WIND TUNNELS

TRANSONIC FLUTTER
  0101 1202 1203
  GS   VIBRATION
       .STRUCTURAL VIBRATION
       ..FLUTTER
       ..#TRANSONIC FLUTTER
       ..SELF INDUCED VIBRATION
       ..#TRANSONIC FLUTTER
  RT   MISSILE VIBRATION
       SUBSONIC FLUTTER
       SUPERSONIC FLUTTER

TRANSONIC INLETS
  USE  SUPERSONIC INLETS

TRANSONIC NOZZLES
  1201 1202 1203 2806
  RT   CONICAL NOZZLES
       CONVERGENT-DIVERGENT NOZZLES
       HYPERSONIC NOZZLES
     % NOZZLES
       SONIC NOZZLES
       SUPERSONIC NOZZLES
       WIND TUNNEL NOZZLES

TRANSONIC SPEED
  0101 0201 1202 1203
  SN   (APPROXIMATELY MACH 0.8 TO 1.2)
  GS   RATES (PER TIME)
       #TRANSONIC SPEED
       VELOCITY
       #TRANSONIC SPEED
  RT   ACOUSTIC VELOCITY
       SUBSONIC SPEED
       SUPERSONIC SPEED

TRANSONIC TURBINES
  USE  SUPERSONIC TURBINES

TRANSONIC WIND TUNNELS
  1110 1202 1203
  GS   TEST FACILITIES
       .WIND TUNNELS
       .#TRANSONIC WIND TUNNELS
  RT   BLOWDOWN WIND TUNNELS
       HYPERSONIC WIND TUNNELS
       SLOTTED WIND TUNNELS
       SUBSONIC WIND TUNNELS
       SUPERSONIC WIND TUNNELS
       WING FLOW METHOD TESTS

TRANSONICS
  USE  TRANSONIC FLOW

TRANSPARENCE
  2306 2502 3408
  UF   TRANSPARENT MATERIALS
  GS   ELECTROMAGNETIC PROPERTIES
       .OPTICAL PROPERTIES
       .#TRANSPARENCE
  RT   ABSORPTANCE
       ABSORPTIVITY
       ATMOSPHERIC OPTICS
       CLARITY
       DENSITY (MASS/VOLUME)
       ELECTROMAGNETIC ABSORPTION
       HAZE
       LIGHT TRANSMISSION
       OPACITY
       OPTICAL DENSITY
       RADOME MATERIALS
       TRANSLUCENCE
       TRANSMISSIVITY
       TRANSMITTANCE
       TURBIDITY

TRANSPARENT MATERIALS
  USE  TRANSPARENCE

TRANSPIRATION
  0404 0602 1202 1203 2405
  UF   FLUID TRANSPIRATION
  GS   PHASE TRANSFORMATIONS
       .VAPORIZING
       ..EVAPORATION
       ..#TRANSPIRATION
  RT   COOLING
       COOLING SYSTEMS
       EVANESCENCE
       EVAPOTRANSPIRATION
       EVOLUTION (LIBERATION)
       GAS EVOLUTION
       MASS TRANSFER
       MOLECULAR FLOW
       OUTGASSING
       PERMEATING
       PERSPIRATION
       TEMPERATURE CONTROL

TRANSPIRATION COOLING
  USE  SWEAT COOLING

TRANSPLANTATION
  0404 0405 0408
  RT   CLINICAL MEDICINE
```

HEART IMPLANTATION
SURGERY

TRANSPONDER CONTROL GROUP
0702 0802 0905 1003
UF TCG (TRACKING)
RT % CONTROL
RADAR TRACKING
SATELLITE TRACKING
SPACECRAFT TRACKING
TELEMETRY
TRANSPONDERS

TRANSPONDERS
0701 0702 0710 0905
UF RESPONDERS
GS RADIO EQUIPMENT
#TRANSPONDERS
RT AIR TRAFFIC CONTROL
BEACON COLLISION AVOIDANCE SYSTEM
INTERROGATION
RADAR BEACONS
RADAR EQUIPMENT
RADIO RECEIVERS
RADIO TRANSMITTERS
TRANSMISSIVITY
TRANSMITTER RECEIVERS
TRANSMITTERS
TRANSPONDER CONTROL GROUP

TRANSPORT AIRCRAFT
0201 0204 0207
GS #TRANSPORT AIRCRAFT
.ALADIN 2 AIRCRAFT
.AN-2 AIRCRAFT
.AN-22 AIRCRAFT
.AN-24 AIRCRAFT
.ARGOSY MK-1 AIRCRAFT
.BAC 111 AIRCRAFT
.BOEING 707 AIRCRAFT
.BOEING 720 AIRCRAFT
.BOEING 727 AIRCRAFT
.BOEING 733 AIRCRAFT
.BOEING 737 AIRCRAFT
.BOEING 747 AIRCRAFT
.BOEING 757 AIRCRAFT
.BOEING 767 AIRCRAFT
.BOEING 2707 AIRCRAFT
.CARGO AIRCRAFT
..BREGUET 941 AIRCRAFT
..C-1A AIRCRAFT
..C-2 AIRCRAFT
..C-5 AIRCRAFT
..C-9 AIRCRAFT
..C-46 AIRCRAFT
..C-47 AIRCRAFT
..C-54 AIRCRAFT
..C-118 AIRCRAFT
..C-119 AIRCRAFT
..C-121 AIRCRAFT
..C-123 AIRCRAFT
..C-124 AIRCRAFT
..C-130 AIRCRAFT
..C-131 AIRCRAFT
..C-133 AIRCRAFT
..C-135 AIRCRAFT
..C-140 AIRCRAFT
..C-141 AIRCRAFT
..C-160 AIRCRAFT
..CL-44 AIRCRAFT
..DC 3 AIRCRAFT
..DC 7 AIRCRAFT
..F-27 AIRCRAFT
..P-160 AIRCRAFT
..P-166 AIRCRAFT
..SPANLOADER AIRCRAFT
..YC-14 AIRCRAFT
.CH-3 HELICOPTER
.CH-34 HELICOPTER
.CH-46 HELICOPTER
.CH-47 HELICOPTER
.CH-54 HELICOPTER
.CL-84 AIRCRAFT
.CL-823 AIRCRAFT
.CONCORDE AIRCRAFT
.CV-880 AIRCRAFT
.DC 8 AIRCRAFT
.DC 9 AIRCRAFT
.DC 10 AIRCRAFT
.DH 121 AIRCRAFT
.DH 125 AIRCRAFT
.DHC 2 AIRCRAFT
.DHC 4 AIRCRAFT
.DHC 5 AIRCRAFT
.DO-31 AIRCRAFT
.EC-121 AIRCRAFT
.ELECTRA AIRCRAFT
.F-28 TRANSPORT AIRCRAFT
.G-1 AIRCRAFT
.G-222 AIRCRAFT
.H-19 HELICOPTER
.H-53 HELICOPTER
.H-56 HELICOPTER
.HC-3 HELICOPTER
.HFB-320 AIRCRAFT
.IL-14 AIRCRAFT
.L-1011 AIRCRAFT
.L-2000 AIRCRAFT
.LIGHT INTRATHEATER TRANSPORT
.LIGHT TRANSPORT AIRCRAFT
.LOCKHEED MODEL 18 AIRCRAFT
.MH-262 AIRCRAFT
.MYSTERE 20 AIRCRAFT
.S-58 HELICOPTER
.S-61 HELICOPTER
.SA-330 HELICOPTER
.SC-5 AIRCRAFT
.SC-7 AIRCRAFT
.SH-3 HELICOPTER
.SH-4 HELICOPTER
.SHORT HAUL AIRCRAFT
..C-8A AUGMENTOR WING AIRCRAFT
..CESSNA 402B AIRCRAFT
..EUROPEAN AIRBUS
...A-300 AIRCRAFT
...A-310 AIRCRAFT
...A-320 AIRCRAFT
..MERCURE AIRCRAFT
.TANKER AIRCRAFT
.TU-124 AIRCRAFT
.TU-144 AIRCRAFT
.TU-154 AIRCRAFT
.UH-34 HELICOPTER
.UH-60A HELICOPTER
.UH-61A HELICOPTER
.VC-10 AIRCRAFT
.VISCOUNT AIRCRAFT
.XC-142 AIRCRAFT
.YS-11 AIRCRAFT
RT AIR TRANSPORTATION
% AIRCRAFT
COMMERCIAL AIRCRAFT
GENERAL AVIATION AIRCRAFT
JET AIRCRAFT
LIGHT AIRCRAFT
% LOW WING AIRCRAFT
% MILITARY AIRCRAFT
MYSTERE 50 AIRCRAFT
PASSENGER AIRCRAFT
ROTARY WING AIRCRAFT
% SUBSONIC AIRCRAFT
SUPERSONIC AIRCRAFT
% TRANSPORT VEHICLES
TURBOFAN AIRCRAFT
TURBOPROP AIRCRAFT
UTILITY AIRCRAFT
V/STOL AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT

TRANSPORT COEFFICIENTS
USE TRANSPORT PROPERTIES

TRANSPORT PROPERTIES
0603 1203 2403 3304 3408 3501
UF TRANSPORT COEFFICIENTS

```
  GS  #TRANSPORT PROPERTIES
      .ATMOSPHERIC CONDUCTIVITY
      ..IONOSPHERIC CONDUCTIVITY
      .CARRIER MOBILITY
      ..ELECTRON MOBILITY
      ..HOLE MOBILITY
      .DIFFUSION COEFFICIENT
      ..SORET COEFFICIENT
      .ELECTRICAL RESISTIVITY
      ..IONOSPHERIC CONDUCTIVITY
      ..MAGNETORESISTIVITY
      ..PHOTOCONDUCTIVITY
      ..PLASMA CONDUCTIVITY
      ..SUPERCONDUCTIVITY
      ...KONDO EFFECT
      .GASEOUS DIFFUSION
      ..GASEOUS SELF-DIFFUSION
      .IONIC MOBILITY
      .THERMAL CONDUCTIVITY
      .THERMAL DIFFUSIVITY
      .VISCOSITY
      ..EDDY VISCOSITY
      ..GAS VISCOSITY
  RT  BINARY FLUIDS
      BOLTZMANN TRANSPORT EQUATION
    % CONDUCTIVITY
      DIFFUSION
      FLOW COEFFICIENTS
      HALL EFFECT
      HEAT TRANSFER
      HIGH TEMPERATURE TESTS
      KINETIC THEORY
      LIGHTHILL GAS MODEL
      MOBILITY
    % PHYSICAL PROPERTIES
      POLLUTION TRANSPORT
    % PROPERTIES
      RADIATION TRANSPORT
      SEEBECK EFFECT
    % SOLID STATE PHYSICS
      THERMOELECTRICITY

TRANSPORT THEORY
  0603 1203 2403 3304 3501
  GS  KINETIC THEORY
      #TRANSPORT THEORY
      ..CHAPMAN-ENSKOG THEORY
      ..EYRING THEORY
      ..MIXING LENGTH FLOW THEORY
  RT  BOLTZMANN TRANSPORT EQUATION
      DIFFUSION THEORY
      GAS TRANSPORT
      INTEGRAL EQUATIONS
      MOLECULAR INTERACTIONS
      MONTE CARLO METHOD
      POLLUTION TRANSPORT
    % THEORIES

% TRANSPORT VEHICLES
  0204 0207
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW
  RT  CRAWLER TRACTORS
      GROUND EFFECT MACHINES
      RAPID TRANSIT SYSTEMS
      SHIPS
      TRANSPORT AIRCRAFT
    % VEHICLES

TRANSPORTATION
  3404 0204 1102 1103
  GS  #TRANSPORTATION
      .AIR TRANSPORTATION
      .MARINE TRANSPORTATION
      .RAIL TRANSPORTATION
      .RAPID TRANSIT SYSTEMS
      .SPACE TRANSPORTATION
      ..SPACE TRANSPORTATION SYSTEM
      ...ADVANCED LAUNCH SYSTEM (STS)
      .URBAN TRANSPORTATION
  RT  ARTIFICIAL HARBORS
      AUTOMATED GUIDEWAY TRANSIT VEHICLES
      AUTOMATED TRANSIT VEHICLES
      CARGO
      CONTRACTORS
      CONVEYORS
      DEEPWATER TERMINALS
      DELIVERY
      DISTRIBUTING
    % DISTRIBUTION
      ELECTRIC AUTOMOBILES
      EVACUATING (TRANSPORTATION)
      FREIGHT COSTS
      FREIGHTERS
      HANDLING EQUIPMENT
      HAULING
      HIGHWAYS
      LOGISTICS
      MATERIALS HANDLING
      MISSILES
      MOTOR VEHICLES
      OFFSHORE DOCKING
      OFFSHORE PLATFORMS
      PACKAGING
      PASSENGERS
      PIPELINES
      RIDING QUALITY
      ROADS
      ROUTES
      SERVICES
      SITE SELECTION
      TANKER TERMINALS
      TERMINAL FACILITIES
      TRACTORS
      TRAFFIC
      TRANSCONTINENTAL SYSTEMS
      TRANSFERRING
      TRANSOCEANIC SYSTEMS
      TRANSPORTATION NETWORKS
    % TRAVEL
      TRUCKS

TRANSPORTATION ENERGY
  0204 1103 1502 2701 2802 3404
  RT  ALLOCATIONS
      CARGO
      COMMERCIAL ENERGY
      DISTRIBUTING
      DOMESTIC ENERGY
      ECONOMIC FACTORS
    % ENERGY
      ENERGY CONVERSION
      ENGINES
      FUELS
      HAULING
      INDUSTRIAL ENERGY
      SHIPS
    % TANKERS
      TRUCKS

TRANSPORTATION NETWORKS
  3404
  RT  HIGHWAYS
      INTERSECTIONS
    % NETWORKS
      RAPID TRANSIT SYSTEMS
      ROADS
      TRANSPORTATION

TRANSPORTER
  1103 1104
  GS  SURFACE VEHICLES
      #TRANSPORTER
  RT % CONTAINERS
     % VEHICLES

TRANSPUTERS
  0801 0802
  GS  DATA PROCESSING EQUIPMENT
      .COMPUTERS
      .#TRANSPUTERS
  RT  ARCHITECTURE (COMPUTERS)
      DISTRIBUTED PROCESSING
      INTERPROCESSOR COMMUNICATION
```

```
      MICROPROCESSORS
      PARALLEL PROCESSING (COMPUTERS)

TRANSURANIUM ELEMENTS
  1703 2406
  GS  CHEMICAL ELEMENTS
      .ACTINIDE SERIES
      .#TRANSURANIUM ELEMENTS
      ...AMERICIUM
      ....AMERICIUM ISOTOPES
      .....AMERICIUM 241
      ...BERKELIUM
      ...CALIFORNIUM
      ....CALIFORNIUM ISOTOPES
      ...CURIUM
      ....CURIUM ISOTOPES
      .....CURIUM 242
      .....CURIUM 244
      ...EINSTEINIUM
      ...FERMIUM
      ...LAWRENCIUM
      ...MENDELEVIUM
      ...NEPTUNIUM
      ....NEPTUNIUM ISOTOPES
      ...NOBELIUM
      ...PLUTONIUM
      ....PLUTONIUM ISOTOPES
      .....PLUTONIUM 238
      .....PLUTONIUM 239
      .....PLUTONIUM 240
      .....PLUTONIUM 241
      .....PLUTONIUM 244
      ...SERGENIUM
      .NUCLIDES
      ..ISOTOPES
      ...RADIOACTIVE ISOTOPES
      ...#TRANSURANIUM ELEMENTS
      .....AMERICIUM
      .....AMERICIUM ISOTOPES
      .....AMERICIUM 241
      .....BERKELIUM
      .....CALIFORNIUM
      .....CALIFORNIUM ISOTOPES
      .....CURIUM
      .....CURIUM ISOTOPES
      .....CURIUM 242
      .....CURIUM 244
      .....EINSTEINIUM
      .....FERMIUM
      .....LAWRENCIUM
      .....MENDELEVIUM
      .....NEPTUNIUM
      .....NEPTUNIUM ISOTOPES
      .....NOBELIUM
      .....PLUTONIUM
      .....PLUTONIUM ISOTOPES
      .....PLUTONIUM 238
      .....PLUTONIUM 239
      .....PLUTONIUM 240
      .....PLUTONIUM 241
      .....PLUTONIUM 244
      .....SERGENIUM
      METALS
      .ACTINIDE SERIES
      .#TRANSURANIUM ELEMENTS
      ...AMERICIUM
      ....AMERICIUM ISOTOPES
      .....AMERICIUM 241
      ...BERKELIUM
      ...CALIFORNIUM
      ....CALIFORNIUM ISOTOPES
      ...CURIUM
      ....CURIUM ISOTOPES
      .....CURIUM 242
      .....CURIUM 244
      ...EINSTEINIUM
      ...FERMIUM
      ...LAWRENCIUM
      ...MENDELEVIUM
      ...NEPTUNIUM
      ....NEPTUNIUM ISOTOPES
      ...NOBELIUM
      ...PLUTONIUM
      ....PLUTONIUM ISOTOPES
      .....PLUTONIUM 238
      .....PLUTONIUM 239
      .....PLUTONIUM 240
      .....PLUTONIUM 241
      .....PLUTONIUM 244
      ...SERGENIUM
  RT  TRANSITION METALS

TRANSVERSE ACCELERATION
  0401 0502 2311
  GS  RATES (PER TIME)
      .ACCELERATION (PHYSICS)
      .#TRANSVERSE ACCELERATION
  RT % ACCELERATION
      ACCELERATION STRESSES (PHYSIOLOGY)
      ANGULAR ACCELERATION

TRANSVERSE LOADS
  0902 1001 1002 2308 3203
  GS  LOADS (FORCES)
      #TRANSVERSE LOADS
  RT  DYNAMIC LOADS
      FORCE DISTRIBUTION
      LOAD DISTRIBUTION (FORCES)
      LOADING MOMENTS
      SHEAR STRESS
      STATIC LOADS
      STRESS DISTRIBUTION
      STRESSES

TRANSVERSE OSCILLATION
  0710 2301 2309 2402
  UF  TRANSVERSE VIBRATION
  GS  OSCILLATIONS
      #TRANSVERSE OSCILLATION
      ..H WAVES
  RT  GAMMA RAYS
      HARMONIC OSCILLATION
      LATERAL OSCILLATION
      STABLE OSCILLATIONS
      TRANSIENT OSCILLATIONS

TRANSVERSE VIBRATION
  USE TRANSVERSE OSCILLATION

TRANSVERSE WAVES
  0710 2309 2402 2501
  GS  #TRANSVERSE WAVES
      .H WAVES
  RT  ELASTIC WAVES
      ELECTROMAGNETIC RADIATION
      GAMMA RAYS
      LONGITUDINAL WAVES
      MAGNETOHYDRODYNAMIC FLOW
      PLANE WAVES
      RADIO WAVES
      S WAVES
      SH WAVES
      VIBRATION MODE
      WAVE PACKETS
    % WAVES

TRANSVERSELY EXCITED ATMOSPHERIC LASERS
  USE TEA LASERS

TRAP PROGRAM
  2307 2402 2502
  GS  PROGRAMS
      #TRAP PROGRAM
  RT  PLASMA CONTROL
    % RADIATION

TRAPATT DEVICES
  0905 1002
  UF  TRAPPED PLASMA AVALANCHE TRIGGERED
      TRANSIT
  GS  ELECTRONIC EQUIPMENT
      .SOLID STATE DEVICES
      ..SEMICONDUCTOR DEVICES
      ..#TRAPATT DEVICES
  RT  AVALANCHE DIODES
```

```
    % DEVICES
      DIODES
      TRANSISTORS

TRAPATT DIODES
  USE  AVALANCHE DIODES

TRAPEZOIDAL TAIL SURFACES
  0101 0102 0103 0104
  GS   PLANFORMS
       #TRAPEZOIDAL TAIL SURFACES
       TAIL SURFACES
       #TRAPEZOIDAL TAIL SURFACES
  RT   CONTROL SURFACES
       HORIZONTAL TAIL SURFACES
       HYPERSONIC AIRCRAFT
       RUDDERS
       STABILIZERS (FLUID DYNAMICS)
       SUPERSONIC AIRCRAFT
    % SURFACES
      SWEPTBACK TAIL SURFACES

TRAPEZOIDAL WINGS
  0102 0104 0201 0202
  GS   AIRFOILS
       .WINGS
       ..LOW ASPECT RATIO WINGS
       ..#TRAPEZOIDAL WINGS
       ..SWEPT WINGS
       ...SWEPT FORWARD WINGS
       ...#TRAPEZOIDAL WINGS
       ...SWEPTBACK WINGS
       ...#TRAPEZOIDAL WINGS
       PLANFORMS
       .WING PLANFORMS
       ..SWEPT FORWARD WINGS
       ..#TRAPEZOIDAL WINGS
       ..SWEPTBACK WINGS
       ..#TRAPEZOIDAL WINGS

TRAPEZOIDS
  1902
  GS   GEOMETRY
       .EUCLIDEAN GEOMETRY
       ..POLYGONS
       ...TETRAGONS
       ...#TRAPEZOIDS

TRAPPED MAGNETIC FIELDS
  2307 2402 2502
  GS   MAGNETIC FIELDS
       #TRAPPED MAGNETIC FIELDS
  RT   FLUX PINNING
       MAGNETICALLY TRAPPED PARTICLES
       PLASMA CONTROL
       SUPERCONDUCTIVITY
       TRAPPING

TRAPPED PARTICLES
  1307 2402 2403 2502
  GS   PARTICLES
       #TRAPPED PARTICLES
       ..MAGNETICALLY TRAPPED PARTICLES
       ...RADIATION BELTS
       ....ARTIFICIAL RADIATION BELTS
       ....INNER RADIATION BELT
       ....OUTER RADIATION BELT
       ....PROTON BELTS
  RT   CHARGED PARTICLES
       ELECTRON PRECIPITATION
       PROTON PRECIPITATION
       TRAPPING

TRAPPED PLASMA AVALANCHE TRIGGERED TRANSIT
  USE  TRAPATT DEVICES

TRAPPED VORTICES
  0102
  UF   VORTEX TRAPS
  GS   VORTICES
       #TRAPPED VORTICES
  RT   COUNTERFLOW
       FLOW DISTRIBUTION
       MIXING
       ROTATING FLUIDS
       ROTATING LIQUIDS
       TURBULENT MIXING
       TURBULENT WAKES
       VORTEX RINGS
       VORTICITY

TRAPPING
  2303 2402 2403
  GS  #TRAPPING
       .CRYOTRAPPING
  RT   CONDUCTION BANDS
       CRYSTAL DEFECTS
       FLUX PINNING
       ION STORAGE
       PHOSPHORESCENCE
       RADIATION BELTS
       TRAPPED MAGNETIC FIELDS
       TRAPPED PARTICLES

TRAPS
  2806 2808 2809
  GS  #TRAPS
       .COLD TRAPS
       .ION TRAPS (INSTRUMENTATION)
       .VAPOR TRAPS
  RT   CONCENTRATORS
       ENTRAPMENT
       SEPARATORS
       VALVES

% TRAVEL
  0201 0408 0702 2102 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   DISTANCE
       HARBORS
       LOGISTICS
       RANGE (EXTREMES)
       TRANSPORTATION

TRAVELING CHARGE
  2304 2402 2502
  GS   ELECTRIC CHARGE
       #TRAVELING CHARGE
  RT   ELECTRODYNAMICS
       ENERGY DISSIPATION
       FIELD THEORY (PHYSICS)

TRAVELING IONOSPHERIC DISTURBANCES
  1302 1804
  UF   TID
  GS   IONOSPHERIC DISTURBANCES
       #TRAVELING IONOSPHERIC DISTURBANCES
  RT   IONOSPHERIC CURRENTS
       IONOSPHERIC PROPAGATION
       IONOSPHERIC STORMS
       IONOSPHERIC TILTS
       MAGNETIC VARIATIONS
       SUDDEN IONOSPHERIC DISTURBANCES

TRAVELING SALESMAN PROBLEM
  1902
  RT   OPERATIONS RESEARCH
       PROBABILITY THEORY
    % PROBLEMS
       STATISTICAL ANALYSIS

TRAVELING SOLVENT METHOD
  0602 2601
  SN   (LIMITED TO CRYSTAL GROWTH
       TECHNIQUES)
  GS   GROWTH
       .CRYSTAL GROWTH
       .#TRAVELING SOLVENT METHOD
  RT   ADDITIVES
       CARRIER INJECTION
       ELECTROEPITAXY
    % METHODOLOGY
```

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TRAVELING WAVE AMPLIFIERS
  0903 0905
  GS   AMPLIFIERS
       #TRAVELING WAVE AMPLIFIERS
  RT   AMPLIFIER DESIGN
       POWER AMPLIFIERS
       TRAVELING WAVE TUBES

TRAVELING WAVE MASERS
  0710 1601 2306 2402
  GS   STIMULATED EMISSION DEVICES
       .MASERS
       .#TRAVELING WAVE MASERS
  RT   AMPLIFIERS
       CAVITY RESONATORS
       COHERENT ELECTROMAGNETIC RADIATION

TRAVELING WAVE MODULATION
  0702 0710 2402
  GS   MODULATION
       #TRAVELING WAVE MODULATION
  RT   LASERS
       LIGHT MODULATION
       WAVE DIFFRACTION

TRAVELING WAVE TUBES
  0710 0905 2309 2402
  UF   CRESTATRONS
       HELIX TUBES
  GS   ELECTRON TUBES
       .VACUUM TUBES
       ..MICROWAVE TUBES
       ..#TRAVELING WAVE TUBES
       ....BACKWARD WAVE TUBES
       .....HELITRONS
       ....CARCINOTRONS
       MICROWAVE EQUIPMENT
       .MICROWAVE TUBES
       .#TRAVELING WAVE TUBES
       ...BACKWARD WAVE TUBES
       ....HELITRONS
       ...CARCINOTRONS
  RT   BACKWARD WAVES
       BRILLOUIN FLOW
       CROSSED FIELD AMPLIFIERS
       CYCLOTRON RESONANCE DEVICES
       ELECTRON BUNCHING
       MAGNETOSTATIC AMPLIFIERS
       MAGNETRONS
       MICROWAVE OSCILLATORS
       OSCILLATIONS
       SCALLOPING
       TRAVELING WAVE AMPLIFIERS

TRAVELING WAVES
  0710 2301 2309 2402
  GS   #TRAVELING WAVES
       .SOLITARY WAVES
  RT   BACKWARD WAVES
       ELASTIC WAVES
       ELECTROMAGNETIC RADIATION
       NONRESONANCE
       PHASE VELOCITY
       PLANE WAVES
       RADIO WAVES

TRAYS
  1504
  RT % BUCKETS
     % CONTAINERS
     % PLATES

TREADMILLS
  0404 0502 1504
  RT   PHYSICAL EXERCISE
       PHYSICAL FITNESS
       PHYSICAL WORK
       PHYSIOLOGICAL TESTS

TREADS
  1504
  RT   STAIRWAYS
       TIRES
       VEHICULAR TRACKS

TREAT (TEST FACILITY)
  USE  TRANSIENT REACTOR TEST FACILITY

% TREATMENT
  0404 0405 3404 3407
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  UF   CONDITIONING (TREATING)
  RT   AIR CONDITIONING
       CLINICAL MEDICINE
       HEAT TREATMENT
       PREWHITENING
       SEWAGE TREATMENT
       SURFACE TREATMENT
       THERMOMECHANICAL TREATMENT
       WASTE TREATMENT
       WATER TREATMENT

TREE RING DATING
  USE  DENDROCHRONOLOGY

% TREES
  0409 1902
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   CONIFERS
       TREES (MATHEMATICS)
       TREES (PLANTS)

TREES (MATHEMATICS)
  1902
  GS   #TREES (MATHEMATICS)
       .FAULT TREES
  RT   ANALYSIS (MATHEMATICS)
       CIRCUITS
       GRAPH THEORY
       GRAPHS (CHARTS)
       PETRI NETS
       SNEAK CIRCUIT ANALYSIS
       TOPOLOGY
     % TREES

TREES (PLANTS)
  0409
  GS   PLANTS (BOTANY)
       #TREES (PLANTS)
       ..CITRUS TREES
       ..CONIFERS
       ..DECIDUOUS TREES
  RT   BALSA
       CANOPIES (VEGETATION)
       CHAPARRAL
       CLEARINGS (OPENINGS)
       DEFOLIANTS
       DEFOLIATION
       DENDROCHRONOLOGY
       FORESTS
       GEOBOTANY
       HERBICIDES
       LOGGING (INDUSTRY)
       MASONITE (TRADEMARK)
       ORCHARDS
       PHREATOPHYTES
       PLYWOOD
       SILVICULTURE
       TIMBER IDENTIFICATION
       TIMBER INVENTORY
       TIMBER VIGOR
       TIMBERLINE
     % TREES
       VEGETATION
       WOOD

TRELLIS CODING
  0702
  GS   CODING
       .SIGNAL ENCODING
       .#TRELLIS CODING
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  RT    BINARY CODES
        CHANNEL NOISE
      % CODES
        CONCATENATED CODES
        CONVOLUTION INTEGRALS
        PHASE MODULATION
        PHASE SHIFT KEYING

TREMORS
  0405 0408 1308
  RT    EARTHQUAKE RESISTANCE
        EARTHQUAKES
        PARALYSIS
        PARKINSON DISEASE
        ROUSE BELTS

TREND ANALYSIS
  3402 3406
  RT % ANALYZING
        FAILURE ANALYSIS
        PERFORMANCE PREDICTION
        PREDICTION ANALYSIS TECHNIQUES
        REGULARITY
        RELIABILITY ANALYSIS
        STATISTICAL ANALYSIS
        TIME SERIES ANALYSIS
        TRENDS

TRENDS
  3402 3406
  RT    EXTRAPOLATION
        FORECASTING
        GROWTH
        PERIODIC VARIATIONS
      % PROJECTION
        TIME SERIES ANALYSIS
        TREND ANALYSIS

TRESCA FLOW
  1202
  GS    FLUID FLOW
        .PLASTIC FLOW
        .#TRESCA FLOW
  RT    DUCTILITY
        STABILITY
        YIELD POINT

TRIACETIN
  1808 1811
  GS    ACETATES
        #TRIACETIN
        ESTERS
        #TRIACETIN
  RT    ACETIC ACID
        GLYCEROLS
        PLASTICIZERS
        SOLVENTS

TRIAMINOGUANIDINENITRATE
  USE   TAGN

TRIAMINOGUANIDINIUM AZIDE
  0403 1808
  GS    AMINES
        .DIAMINES
        ..GUANIDINES
        ..#TRIAMINOGUANIDINIUM AZIDE
        NITROGEN COMPOUNDS
        .AZIDES (ORGANIC)
        .#TRIAMINOGUANIDINIUM AZIDE

TRIAMINOTRINITROBENZENE
  USE   TATB

TRIANGLES
  1902
  GS    GEOMETRY
        .EUCLIDEAN GEOMETRY
        ..POLYGONS
        ..#TRIANGLES
  RT    TETRAHEDRONS
        TRIGONOMETRY

TRIANGULAR WINGS
  USE   DELTA WINGS

TRIANGULATION
  0709 1304 1308 1901
  RT    ANGLES (GEOMETRY)
        MAPPING
        NAVIGATION
        TRIGONOMETRY
        WILDLIFE RADIOLOCATION

TRIATOMIC MOLECULES
  0603 1203 2401 2405
  GS    MOLECULES
        .POLYATOMIC MOLECULES
        .#TRIATOMIC MOLECULES
  RT    DIATOMIC MOLECULES

TRIAXIAL STRESSES
  3203
  UF    TRIAXIALITY
  GS    STRESSES
        #TRIAXIAL STRESSES
  RT    MECHANICAL PROPERTIES
        TENSILE STRESS

TRIAXIALITY
  USE   TRIAXIAL STRESSES

TRIBOLIA
  0402 0404
  GS    ANIMALS
        .INVERTEBRATES
        ..ARTHROPODS
        ...INSECTS
        ....COLEOPTERA
        .....BEETLES
        .....#TRIBOLIA

TRIBOLOGY
  1503
  RT    ABRASION
        CORROSION
        EROSION
        EROSIVE BURNING
        FRETTING
        FRICTION
        INTERFACIAL TENSION
        LUBRICATION
        TRIBOLUMINESCENCE
        WEAR

TRIBOLUMINESCENCE
  0605
  GS    EMISSION
        .LIGHT EMISSION
        ..LUMINESCENCE
        ...PHOTOLUMINESCENCE
        ...#TRIBOLUMINESCENCE
  RT    FLUORESCENCE
        FRICTION
        MECHANICAL PROPERTIES
        PHOTOLUMINESCENT BANDS
        STRESSES
        TRIBOLOGY

TRIBUTARIES
  1305
  RT    DRAINAGE PATTERNS
        EARTH RESOURCES
        ESTUARIES
        RIVERS

TRICHLORIDES
  USE   CHLORIDES

TRIDENT AIRCRAFT
  USE   DH 121 AIRCRAFT

TRIDENT SUBMARINE
  3401
  GS    WATER VEHICLES
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.SHIPS
..SUBMARINES
..#TRIDENT SUBMARINE
.UNDERWATER VEHICLES
..SUBMARINES
..#TRIDENT SUBMARINE
RT NAVY
NUCLEAR PROPULSION

TRIENES
1808
GS ORGANIC COMPOUNDS
.HYDROCARBONS
..ALIPHATIC HYDROCARBONS
...ALKENES
...#TRIENES

TRIETHYL COMPOUNDS
1808
GS ALKYL COMPOUNDS
#TRIETHYL COMPOUNDS
RT % CHEMICAL COMPOUNDS
DIETHYL COMPOUNDS
ETHYL COMPOUNDS

TRIFLUOROAMINE OXIDE
1808
GS AMINES
.FLUOROAMINES
.#TRIFLUOROAMINE OXIDE
HALOGEN COMPOUNDS
.FLUORINE COMPOUNDS
..FLUORO COMPOUNDS
...FLUORINE ORGANIC COMPOUNDS
....FLUOROAMINES
....#TRIFLUOROAMINE OXIDE
ORGANIC COMPOUNDS
.FLUORINE ORGANIC COMPOUNDS
..FLUOROAMINES
..#TRIFLUOROAMINE OXIDE

TRIGATRONS
0905
GS SWITCHES
#TRIGATRONS
RT % GAS TUBES
PULSE MODULATION
SPARK GAPS
TRIGGER CIRCUITS

TRIGGER CIRCUITS
0902
GS CIRCUITS
#TRIGGER CIRCUITS
RT BISTABLE CIRCUITS
GATES (CIRCUITS)
MULTIVIBRATORS
THRESHOLD GATES
THRESHOLD LOGIC
THYRISTORS
TRIGATRONS

TRIGGERS
USE ACTUATORS

TRIGONOMETRIC FUNCTIONS
1902
GS ANALYSIS (MATHEMATICS)
.REAL VARIABLES
..PERIODIC FUNCTIONS
..#TRIGONOMETRIC FUNCTIONS
....COSINE SERIES
....SINE SERIES
....TANGENTS
FUNCTIONS (MATHEMATICS)
.TRANSCENDENTAL FUNCTIONS
..PERIODIC FUNCTIONS
..#TRIGONOMETRIC FUNCTIONS
....COSINE SERIES
....SINE SERIES
....TANGENTS
RT FRESNEL INTEGRALS
SINE WAVES
TRIGONOMETRY

TRIGONOMETRY
1902
GS GEOMETRY
.EUCLIDEAN GEOMETRY
..ANALYTIC GEOMETRY
..#TRIGONOMETRY
RT ANGLES (GEOMETRY)
% SCIENCE
TRIANGLES
TRIANGULATION
TRIGONOMETRIC FUNCTIONS

TRIM (BALANCE)
USE AERODYNAMIC BALANCE

TRIMERS
1810
GS PREPOLYMERS
#TRIMERS
RT DIMERS
MONOMERS

TRIMETHADIONE
0403 0405 1808
GS DRUGS
#TRIMETHADIONE
KETONES
#TRIMETHADIONE
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
..#TRIMETHADIONE

TRIMETHYL COMPOUNDS
1808
GS ALKYL COMPOUNDS
#TRIMETHYL COMPOUNDS
RT % CHEMICAL COMPOUNDS
DIMETHYL COMPOUNDS
METHYL COMPOUNDS

TRINIDAD AND TOBAGO
1305
GS LANDFORMS
.ISLANDS
..WEST INDIES
..#TRINIDAD AND TOBAGO
NATIONS
#TRINIDAD AND TOBAGO
RT CARIBBEAN REGION
SOUTH AMERICA

TRINITRAMINE
1808
GS AMINES
#TRINITRAMINE
NITROGEN COMPOUNDS
#TRINITRAMINE

TRINITRO COMPOUNDS
1704 1804 1808
GS NITROGEN COMPOUNDS
.NITRO COMPOUNDS
.#TRINITRO COMPOUNDS
RT % CHEMICAL COMPOUNDS

TRINITROTOLUENE
1808 3302
UF TNT (TRINITROTOLUENE)
GS EXPLOSIVES
#TRINITROTOLUENE
NITROGEN COMPOUNDS
.NITRO COMPOUNDS
..NITROBENZENES
..#TRINITROTOLUENE
RT EXPOSURE

TRINITROTRIAZOCYCLOHEXANE
USE RDX

```
TRIODES
  0903 0905 1002
  RT   CATT DEVICES
       DIODES
       ELECTRON TUBES
       MICROWAVE TUBES
       SEMICONDUCTOR DEVICES
       TETRODES
       THYRISTORS
       TRANSISTORS

TRIOLS
  1808
  GS   HYDROXYL COMPOUNDS
       .ALCOHOLS
       .#TRIOLS
       ...CYANURIC ACID

TRIPHENYL SILICON
  1808
  GS   ORGANIC COMPOUNDS
       .ORGANIC SILICON COMPOUNDS
       .#TRIPHENYL SILICON
       SILICON COMPOUNDS
       .ORGANIC SILICON COMPOUNDS
       .#TRIPHENYL SILICON

TRIPHENYLS
  1808
  GS   ORGANIC COMPOUNDS
       .HYDROCARBONS
       .#TRIPHENYLS
       PHENYLS
       .POLYPHENYLS
       .#TRIPHENYLS

TRIPLE AXIS SPECTROMETERS
  USE  NEUTRON SPECTROMETERS

TRIPLE STARS
  3001 3009
  GS   CELESTIAL BODIES
       .STARS
       .#TRIPLE STARS
  RT   BINARY STARS
       COMPANION STARS
       STELLAR SYSTEMS
       THREE BODY PROBLEM

TRIPLET EXCITATION
  USE  ATOMIC ENERGY LEVELS

TRIPLET STATE
  USE  ATOMIC ENERGY LEVELS

TRIPODS
  1407 1412
  GS   SUPPORTS
       #TRIPODS
  RT   OPTICAL EQUIPMENT

TRIPROPELLANTS
  USE  LIQUID ROCKET PROPELLANTS

TRISONIC WIND TUNNELS
  1107
  GS   TEST FACILITIES
       .WIND TUNNELS
       .#TRISONIC WIND TUNNELS
  RT   SLOTTED WIND TUNNELS
       TRANSONIC FLOW
       WIND TUNNEL TESTS

TRITIUM
  2406 0603 1807
  UF   HYDROGEN 3
  GS   CHEMICAL ELEMENTS
       .HYDROGEN
       ..HYDROGEN ISOTOPES
       ..#TRITIUM
       .NUCLIDES
       ..ISOTOPES
       ...HYDROGEN ISOTOPES
       ...#TRITIUM
       ...RADIOACTIVE ISOTOPES
       ...#TRITIUM
       GASES
       .HYDROGEN
       ..HYDROGEN ISOTOPES
       ..#TRITIUM
  RT   HEAVY WATER
       NUCLEAR FUELS

TRITON
  3001
  GS   CELESTIAL BODIES
       .NATURAL SATELLITES
       ..NEPTUNE SATELLITES
       ..#TRITON
  RT   GALILEAN SATELLITES
       NEPTUNE (PLANET)
       NEPTUNE ATMOSPHERE
       SATELLITE ATMOSPHERES
       TITAN

TRITONS
  2405 2406 3101
  GS   IONS
       #TRITONS
  RT   ALPHA PARTICLES
       PROTONS

TRIVALENT IONS
  0603 0604 1703 1804 1807
  GS   IONS
       #TRIVALENT IONS
  RT   FREE RADICALS
       POSITIVE IONS
       VALENCE

TROCHOIDS
  USE  PIVOTS

TROILITE
  1806 3005
  GS   CHALCOGENIDES
       .SULFIDES
       ..PYRRHOTITE
       ..#TROILITE
       IRON COMPOUNDS
       .PYRRHOTITE
       .#TROILITE
       MINERALS
       .PYRRHOTITE
       .#TROILITE
       SULFUR COMPOUNDS
       .SULFIDES
       ..PYRRHOTITE
       ..#TROILITE
  RT   IRON METEORITES
       METEORITIC COMPOSITION

TROJAN AIRCRAFT
  USE  T-28 AIRCRAFT

TROJAN ORBITS
  1904 3001 3006 3007
  GS   ORBITS
       .SPACECRAFT ORBITS
       .#TROJAN ORBITS
  RT   CELESTIAL MECHANICS
       MANY BODY PROBLEM
       THREE BODY PROBLEM

TROMBE WALLS
  1001
  GS   WALLS
       #TROMBE WALLS
  RT   ENERGY TECHNOLOGY
       HEAT STORAGE
       PHASE CHANGE MATERIALS
       RADIATIVE HEAT TRANSFER
       SOLAR ENERGY ABSORBERS
       SOLAR HEATING
       SOLAR HOUSES
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THERMAL INSULATION

TROPICAL METEOROLOGY
1305 2003
GS METEOROLOGY
#TROPICAL METEOROLOGY
RT AGROMETEOROLOGY
EL NINO
EQUATORIAL ATMOSPHERE
GARP ATLANTIC TROPICAL EXPERIMENT
INTERTROPICAL CONVERGENT ZONES
METEOROLOGICAL PARAMETERS

TROPICAL REGIONS
1305 2001 2003
UF JUNGLES
LOW LATITUDES
SUBTROPICAL REGIONS
TROPICS
GS REGIONS
#TROPICAL REGIONS
..AMAZON REGION (SOUTH AMERICA)
RT CLIMATOLOGY
EQUATORIAL ATMOSPHERE
EQUATORIAL REGIONS
GARP ATLANTIC TROPICAL EXPERIMENT
GEOGRAPHY
HOT WEATHER
INTERTROPICAL CONVERGENT ZONES
LATERITES
LOMONOSOV CURRENT
METEOROLOGY
RAIN FORESTS
TEMPERATE REGIONS
VIRGIN ISLANDS

TROPICAL STORMS
2001 2003
GS STORMS
.STORMS (METEOROLOGY)
.#TROPICAL STORMS
...HURRICANES
....ANNA HURRICANE
...TYPHOONS
RT ATMOSPHERIC CIRCULATION
CYCLONES
METEOROLOGY
STORM DAMAGE
TORNADOES

TROPICS
USE TROPICAL REGIONS

TROPISM
0404
GS #TROPISM
.AEOLOTROPISM
.GEOTROPISM
.GRAVITROPISM
.GYROTROPISM
.NEUROTROPISM

TROPOPAUSE
1302 3009
SN (ALTITUDE APPROXIMATELY 15 TO 20 KM)
GS EARTH ATMOSPHERE
.LOWER ATMOSPHERE
..TROPOSPHERE
..#TROPOPAUSE
RT DIURNAL VARIATIONS
ISOTHERMAL LAYERS
MIDDLE ATMOSPHERE

TROPOSPHERE
1301 2003 3009
SN (GROUND LEVEL TO APPROXIMATELY 15 KM)
GS EARTH ATMOSPHERE
.LOWER ATMOSPHERE
.#TROPOSPHERE
...TROPOPAUSE
RT CHEMOSPHERE
HOMOSPHERE
INTASAT SATELLITE

TROPOSPHERIC RADIATION
0710 1302 2402 2901 2903
SN (EXCLUDES TERRESTRIAL RADIATION)
GS ATMOSPHERIC RADIATION
#TROPOSPHERIC RADIATION
ELECTROMAGNETIC RADIATION
#TROPOSPHERIC RADIATION
RT % RADIATION
SKY RADIATION
STRATOSPHERE RADIATION
TERRESTRIAL RADIATION

TROPOSPHERIC SCATTERING
0702 0705 0710 0901
GS SCATTERING
.WAVE SCATTERING
..ATMOSPHERIC SCATTERING
..#TROPOSPHERIC SCATTERING
RT LIGHT SCATTERING
WIDEBAND COMMUNICATION

TROPOSPHERIC WAVES
0710 1302 2402
SN (EXCLUDES RADIO WAVES)
GS #TROPOSPHERIC WAVES
.PLANETARY WAVES
RT ELASTIC WAVES
LEE WAVES
RADIO WAVES
SURFACE WAVES
% WAVES

TROPYL COMPOUNDS
1808
GS BASES (CHEMICAL)
.ALKALOIDS
.#TROPYL COMPOUNDS
NITROGEN COMPOUNDS
.ALKALOIDS
.#TROPYL COMPOUNDS
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...ALKALOIDS
...#TROPYL COMPOUNDS
RT % CHEMICAL COMPOUNDS

TROUBLESHOOTING
USE MAINTENANCE

TROUGHS
1306 2003
RT CANALS
DITCHES
IRRIGATION
LOW PRESSURE

TRUCKS
0205 1102 1103
SN (EXCLUDES UNDERCARRIAGES)
UF VANS
GS SURFACE VEHICLES
.MOTOR VEHICLES
.#TRUCKS
...TANK TRUCKS
RT ANTISKID DEVICES
AUTOMOBILES
CARGO
DELIVERY
DOLLIES
ELECTRIC MOTOR VEHICLES
GROUND HANDLING
HAULING
MATERIALS HANDLING
% MILITARY VEHICLES
RECOVERY VEHICLES
TRACTORS
TRAILERS
TRANSPORTATION

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      TRANSPORTATION ENERGY

TRUNCATION (MATHEMATICS)
  USE  APPROXIMATION

TRUNCATION ERRORS
  0802 1902 1905 3501
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       .#TRUNCATION ERRORS
       ERRORS
       #TRUNCATION ERRORS
  RT   PRECISION

TRUNKS (LINES)
  USE  TRANSMISSION LINES

TRUNNIONS
  USE  SHAFTS (MACHINE ELEMENTS)

TRUSSES
  3202 3203
  GS   STRUCTURAL MEMBERS
       #TRUSSES
  RT   ARCHES
       BEAMS (SUPPORTS)
       CONSTRUCTION INDUSTRY
       FRAMES
       GIRDERS
       I BEAMS
       LOOPS
       MAXWELL-MOHR METHOD
       MEGAMECHANICS
     % STRUCTURES
       STRUTS
       SUPPORTS
       TIMOSHENKO BEAMS

TRYPANOSOME
  0402 0407
  GS   ANIMALS
       .PROTOZOA
       ..FLAGELLATA
       ..#TRYPANOSOME
       MICROORGANISMS
       .PROTOZOA
       ..FLAGELLATA
       ..#TRYPANOSOME
       PARASITES
       #TRYPANOSOME
  RT   PARASITIC DISEASES

TRYPSIN
  0403 1808
  GS   BIOPOLYMERS
       .PROTEINS
       ..ENZYMES
       ..#TRYPSIN
       ORGANIC COMPOUNDS
       .PROTEINS
       ..ENZYMES
       ..#TRYPSIN
  RT   PANCREAS

TRYPTAMINES
  0403 1808
  GS   AMINES
       #TRYPTAMINES
       ..SEROTONIN

TRYPTOPHAN
  0403 1808
  GS   ACIDS
       .AMINO ACIDS
       .#TRYPTOPHAN
       .CARBOXYLIC ACIDS
       .#TRYPTOPHAN
       NITROGEN COMPOUNDS
       #TRYPTOPHAN
       ORGANIC COMPOUNDS
       .AMINO ACIDS
       .#TRYPTOPHAN
       .CARBOXYLIC ACIDS
       .#TRYPTOPHAN
       .CYCLIC COMPOUNDS
       ..HETEROCYCLIC COMPOUNDS
       ...AZOLES
       ....PYRROLES
       .....INDOLES
       .....#TRYPTOPHAN

TS-11 AIRCRAFT
  0201
  UF   ISKRA AIRCRAFT
       POLISH TS-11 AIRCRAFT
  GS   JET AIRCRAFT
       #TS-11 AIRCRAFT
       MONOPLANES
       #TS-11 AIRCRAFT
       TRAINING AIRCRAFT
       #TS-11 AIRCRAFT
  RT % AIRCRAFT

TSR-2 AIRCRAFT
  0201 0207
  UF   BAC TSR 2 AIRCRAFT
  GS   ATTACK AIRCRAFT
       #TSR-2 AIRCRAFT
       BAC AIRCRAFT
       #TSR-2 AIRCRAFT
       JET AIRCRAFT
       #TSR-2 AIRCRAFT
       MONOPLANES
       #TSR-2 AIRCRAFT
       OBSERVATION AIRCRAFT
       #TSR-2 AIRCRAFT
       RECONNAISSANCE AIRCRAFT
       #TSR-2 AIRCRAFT
       SUPERSONIC AIRCRAFT
       #TSR-2 AIRCRAFT
       TERRAIN FOLLOWING AIRCRAFT
       #TSR-2 AIRCRAFT
  RT % AIRCRAFT

TSUNAMI WAVES
  1306 1308
  RT   EARTH MOVEMENTS
       EARTHQUAKE DAMAGE
       EARTHQUAKES
       FRONTAL WAVES
       SEISMIC WAVES
       SHOCK WAVES
       SURFACE WAVES
       TIDAL WAVES
       WATER WAVES

TTL INTEGRATED CIRCUITS
  0902 1001 1002
  SN   (TRANSISTOR-TRANSISTOR-LOGIC
       INTEGRATED CIRCUITS)
  UF   TRANSISTOR-TRANSISTOR-LOGIC INTEG
       CIRCUITS
  GS   CIRCUITS
       .INTEGRATED CIRCUITS
       .#TTL INTEGRATED CIRCUITS
  RT   ELECTRONIC PACKAGING
       LARGE SCALE INTEGRATION
       MICROMINIATURIZATION
       MOLECULAR ELECTRONICS
       TRANSISTOR CIRCUITS

TU-104 AIRCRAFT
  0201 0204
  UF   CAMEL AIRCRAFT
  GS   COMMERCIAL AIRCRAFT
       #TU-104 AIRCRAFT
       JET AIRCRAFT
       #TU-104 AIRCRAFT
       MONOPLANES
       #TU-104 AIRCRAFT
       PASSENGER AIRCRAFT
       #TU-104 AIRCRAFT
       TUPOLEV AIRCRAFT
       #TU-104 AIRCRAFT
  RT % AIRCRAFT
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        TU-154 AIRCRAFT

TU-121 ENGINE
  2808
  GS    ENGINES
        .ROCKET ENGINES
        ..SOLID PROPELLANT ROCKET ENGINES
        ..#TU-121 ENGINE

TU-124 AIRCRAFT
  0201 0204
  UF    COOKPOT AIRCRAFT
  GS    COMMERCIAL AIRCRAFT
        #TU-124 AIRCRAFT
        JET AIRCRAFT
        #TU-124 AIRCRAFT
        MONOPLANES
        #TU-124 AIRCRAFT
        PASSENGER AIRCRAFT
        #TU-124 AIRCRAFT
        TRANSPORT AIRCRAFT
        #TU-124 AIRCRAFT
        TUPOLEV AIRCRAFT
        #TU-124 AIRCRAFT
  RT %  AIRCRAFT
        TURBOFAN ENGINES

TU-134 AIRCRAFT
  0201 0204
  GS    COMMERCIAL AIRCRAFT
        #TU-134 AIRCRAFT
        JET AIRCRAFT
        .TURBOFAN AIRCRAFT
        .#TU-134 AIRCRAFT
        MONOPLANES
        #TU-134 AIRCRAFT
        PASSENGER AIRCRAFT
        #TU-134 AIRCRAFT
        TUPOLEV AIRCRAFT
        #TU-134 AIRCRAFT
  RT %  AIRCRAFT

TU-144 AIRCRAFT
  0201 0205
  GS    COMMERCIAL AIRCRAFT
        .SUPERSONIC COMMERCIAL AIR
         TRANSPORT
        .#TU-144 AIRCRAFT
        JET AIRCRAFT
        .TURBOFAN AIRCRAFT
        .#TU-144 AIRCRAFT
        PASSENGER AIRCRAFT
        #TU-144 AIRCRAFT
        TRANSPORT AIRCRAFT
        #TU-144 AIRCRAFT
  RT %  AIRCRAFT

TU-154 AIRCRAFT
  0201 0204
  GS    COMMERCIAL AIRCRAFT
        #TU-154 AIRCRAFT
        TRANSPORT AIRCRAFT
        #TU-154 AIRCRAFT
        TUPOLEV AIRCRAFT
        #TU-154 AIRCRAFT
  RT %  AIRCRAFT
        AIRCRAFT DESIGN
        CARGO AIRCRAFT
        JET AIRCRAFT
        PASSENGER AIRCRAFT
        TU-104 AIRCRAFT

TUBE ANODES
  0905
  GS    ELECTRODES
        .ANODES
        .#TUBE ANODES
  RT    CATHODES
        ELECTRODE MATERIALS
        ELECTRON GUNS

TUBE CATHODES
  0905
  GS    ELECTRODES
        .CATHODES
        .#TUBE CATHODES
        ...COLD CATHODES
        ...HOT CATHODES
        ...PHOTOCATHODES
        ...THERMIONIC CATHODES
        ...TUNNEL CATHODES
  RT    COLD CATHODE TUBES
        ELECTRON GUNS
        HOLLOW CATHODES

TUBE GRIDS
  0905
  GS    ELECTRODES
        #TUBE GRIDS
  RT    BIAS
        ELECTRON GUNS
        ELECTRON TUBES
      % GRIDS
        IONIZERS

TUBE HEAT EXCHANGERS
  0905 3303 3304 3501
  GS    HEAT EXCHANGERS
        #TUBE HEAT EXCHANGERS
  RT    REGENERATORS

TUBE LASERS
  1601
  RT    CHEMICAL LASERS
        GASDYNAMIC LASERS
        LASER OUTPUTS
        PULSED LASERS
        SHOCK TUBES
        WAVEGUIDE LASERS

TUBERCULOSIS
  0405
  GS    DISEASES
        .INFECTIOUS DISEASES
        ..BACTERIAL DISEASES
        ..#TUBERCULOSIS
        .RESPIRATORY DISEASES
        .#TUBERCULOSIS

% TUBES
  0801 0903 0905 1504 3203
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    BOURDON TUBES
        BRONCHI
        BURETTES
        CANNULAE
        CAPILLARY TUBES
        CIRCULAR TUBES
        DUCTS
        ELECTRON TUBES
        EUSTACHIAN TUBES
        HILSCH TUBES
        HOSES
        LININGS
        MANIFOLDS
        MICROWAVE TUBES
        PIPES (TUBES)
        PITOT TUBES
        SHOCK TUBES
        SIPHONS
        TRACHEA
        VENTURI TUBES

TUBING
  USE   PIPES (TUBES)

TUMBLING MOTION
  0101 3006 3107 3110 3009
  RT    ATTITUDE STABILITY
        DESTABILIZATION
        MIXERS
      % MOTION
        ROTATING ENVIRONMENTS
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      SATELLITE ROTATION
    % SEPARATION
      SPACECRAFT MOTION
      SPACECRAFT STABILITY

TUMORS
  0404 0405
  GS   DISEASES
       #TUMORS
       ..NEOPLASMS
       ...CANCER
       ....LEUKEMIAS
  RT   CYSTS
       OCCUPATIONAL DISEASES

TUNABLE LASERS
  1601
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       .#TUNABLE LASERS
  RT   DBR LASERS
       DIFFRACTION RADIATION
       LIGHT MODULATION
       OPTICAL COMMUNICATION
       TUNING
       WIGGLER MAGNETS

TUNDRA
  1305 1306
  GS   LAND
       .PLAINS
       .#TUNDRA
       LANDFORMS
       #TUNDRA
  RT   ARCTIC REGIONS
       ASIA
       GEOGRAPHY
       NORTH AMERICA

TUNERS
  0701 0702 0705 0710 2301
  GS  #TUNERS
       .WAVEGUIDE TUNERS
  RT   RADIO RECEIVERS
       RESONANCE PROBES
       RESONANT FREQUENCIES
       TELEVISION RECEIVERS

TUNGSTATES
  0603
  GS   TUNGSTEN COMPOUNDS
       #TUNGSTATES
       ..CALCIUM TUNGSTATES
       ..LEAD TUNGSTATES
       ..ZINC TUNGSTATES

TUNGSTEN
  0603 1703
  UF   WOLFRAM
  GS   CHEMICAL ELEMENTS
       #TUNGSTEN
       METALS
       .REFRACTORY METALS
       .#TUNGSTEN
       .TRANSITION METALS
       .#TUNGSTEN
       REFRACTORY MATERIALS
       .REFRACTORY METALS
       .#TUNGSTEN

TUNGSTEN ALLOYS
  1701 1704
  GS   ALLOYS
       .HEAT RESISTANT ALLOYS
       ..REFRACTORY METAL ALLOYS
       ..#TUNGSTEN ALLOYS
       REFRACTORY MATERIALS
       .REFRACTORY METAL ALLOYS
       .#TUNGSTEN ALLOYS
  RT   HAFNIUM ALLOYS
       STELLITE (TRADEMARK)

TUNGSTEN CARBIDES
  0603 1804
  GS   CARBON COMPOUNDS
       .CARBIDES
       .#TUNGSTEN CARBIDES
       TUNGSTEN COMPOUNDS
       #TUNGSTEN CARBIDES

TUNGSTEN CHLORIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .CHLORINE COMPOUNDS
       ..CHLORIDES
       ..#TUNGSTEN CHLORIDES
       .HALIDES
       ..CHLORIDES
       ..#TUNGSTEN CHLORIDES
       ..METAL HALIDES
       ...TUNGSTEN HALIDES
       ...#TUNGSTEN CHLORIDES
       TUNGSTEN COMPOUNDS
       .TUNGSTEN HALIDES
       .#TUNGSTEN CHLORIDES

TUNGSTEN COMPOUNDS
  0603 1804
  GS  #TUNGSTEN COMPOUNDS
       .TUNGSTATES
       ..CALCIUM TUNGSTATES
       ..LEAD TUNGSTATES
       ..ZINC TUNGSTATES
       .TUNGSTEN CARBIDES
       .TUNGSTEN HALIDES
       ..TUNGSTEN CHLORIDES
       ..TUNGSTEN FLUORIDES
       .TUNGSTEN OXIDES
       ..SCHEELITE
  RT % CHEMICAL COMPOUNDS
     % GROUP 6B COMPOUNDS
     % METAL COMPOUNDS

TUNGSTEN FLUORIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORIDES
       ...METAL FLUORIDES
       ...#TUNGSTEN FLUORIDES
       .HALIDES
       ..METAL HALIDES
       ...TUNGSTEN HALIDES
       ...#TUNGSTEN FLUORIDES
       TUNGSTEN COMPOUNDS
       .TUNGSTEN HALIDES
       .#TUNGSTEN FLUORIDES

TUNGSTEN HALIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .HALIDES
       ..METAL HALIDES
       ..#TUNGSTEN HALIDES
       ....TUNGSTEN CHLORIDES
       ....TUNGSTEN FLUORIDES
       TUNGSTEN COMPOUNDS
       #TUNGSTEN HALIDES
       ..TUNGSTEN CHLORIDES
       ..TUNGSTEN FLUORIDES

TUNGSTEN INERT GAS WELDING
  USE  GAS TUNGSTEN ARC WELDING

TUNGSTEN ISOTOPES
  0603 1703
  GS   METALS
       .REFRACTORY METALS
       .#TUNGSTEN ISOTOPES
       .TRANSITION METALS
       .#TUNGSTEN ISOTOPES
       REFRACTORY MATERIALS
       .REFRACTORY METALS
       .#TUNGSTEN ISOTOPES
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TUNGSTEN OXIDES
  0603 1804
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ..#TUNGSTEN OXIDES
       ....SCHEELITE
       TUNGSTEN COMPOUNDS
       #TUNGSTEN OXIDES
       ..SCHEELITE

TUNGUSK METEORITE
  3005
  UF   TUNGUSKA EVENT
  GS   CELESTIAL BODIES
       .METEORITES
       ..STONY METEORITES
       ..#TUNGUSK METEORITE
  RT   METEORITE COLLISIONS
       METEORITE CRATERS

TUNGUSKA EVENT
  USE  TUNGUSK METEORITE

TUNING
  0702 0705 0710 2301
  GS  #TUNING
       .SCHULER TUNING
  RT   AUTOMATIC FREQUENCY CONTROL
       AUTOMATIC GAIN CONTROL
       DYE LASERS
       FREQUENCY PULLING
       MISTUNING (TURBOMACHINERY)
       Q FACTORS
       RESONANCE
       RESONANT FREQUENCIES
       RESONATORS
       TUNABLE LASERS

TUNING FORK GYROSCOPES
  1402 1403 1410 2102 2104 2309
  GS   GYROSCOPES
       #TUNING FORK GYROSCOPES
  RT   RESONATORS

TUNISIA
  1305
  GS   NATIONS
       #TUNISIA
  RT   AFRICA

TUNNEL CATHODES
  0903 0905 2309
  GS   ELECTRODES
       .CATHODES
       ..TUBE CATHODES
       ..#TUNNEL CATHODES
  RT   COLD CATHODE TUBES
       COLD CATHODES
       ELECTRON TUBES
       HOLLOW CATHODES
     % TUNNELS

TUNNEL DIODES
  0903 0905 2309
  UF   ESAKI DIODES
  GS   ELECTRONIC EQUIPMENT
       .DIODES
       ..SEMICONDUCTOR DIODES
       ..#TUNNEL DIODES
  RT   ELECTRON TUNNELING
       JUNCTION DIODES
       MIM DIODES
       NEGATIVE CONDUCTANCE
       NEGATIVE RESISTANCE CIRCUITS
       RESONANT TUNNELING
       TUNNEL JUNCTIONS
     % TUNNELS

TUNNEL JUNCTIONS
  0903 0905 0906 2602 2604
  RT   BARRIER LAYERS
       ELECTRON TUNNELING
       HETEROJUNCTIONS
       JOSEPHSON JUNCTIONS
       PHOTOCONDUCTORS
       QUANTUM ELECTRONICS
       SEMICONDUCTOR DEVICES
       SEMICONDUCTOR JUNCTIONS
       SOLAR CELLS
       SUPERCONDUCTING DEVICES
       TUNNEL DIODES

TUNNEL RESISTORS
  USE  ELECTRON TUNNELING
       RESISTORS

% TUNNELING
  1002 2309 2401 2602
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ELECTRON TUNNELING
       RESONANT TUNNELING
       TUNNELING (EXCAVATION)

TUNNELING (EXCAVATION)
  3404
  GS   EXCAVATION
       #TUNNELING (EXCAVATION)
  RT   BEDROCK
       CONSTRUCTION
       DRAINAGE
       DRILLING
       JACKS (LIFTS)
       LINING PROCESSES
       ROCKS
       SOILS
     % TUNNELING
       UNDERGROUND STRUCTURES

% TUNNELS
  0905 1110
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   GAPS
       HYDRAULIC TEST TUNNELS
       LUNAR SHELTERS
       PASSAGEWAYS
       STREETS
       TRANSFER TUNNELS
       TUNNEL CATHODES
       TUNNEL DIODES
       WIND TUNNELS

TUPOLEV AIRCRAFT
  0201 0204
  GS  #TUPOLEV AIRCRAFT
       .TU-104 AIRCRAFT
       .TU-124 AIRCRAFT
       .TU-134 AIRCRAFT
       .TU-154 AIRCRAFT
  RT % AIRCRAFT

TURBIDITY
  0101 1202 1203
  GS   ELECTROMAGNETIC PROPERTIES
       .OPTICAL PROPERTIES
       .#TURBIDITY
  RT   ABSORPTANCE
       CLARITY
       HAZE
       LIGHT TRANSMISSION
       OPACITY
       OPTICAL DENSITY
     % PROPERTIES
       SOLUBILITY
       TRANSPARENCE

TURBINE BLADES
  0104 1504 2801 2805
  GS   TURBOMACHINE BLADES
       #TURBINE BLADES
  RT % BLADES
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      COMPRESSOR BLADES
      ENGINE PARTS
      FAN BLADES
      ROTOR BLADES (TURBOMACHINERY)
      STATOR BLADES
      TURBINES

TURBINE ENGINES
  0202 2801 2805
  GS  ENGINES
      #TURBINE ENGINES
      ..GAS TURBINE ENGINES
      ...JET ENGINES
      ....RAMJET ENGINES
      .....LOW VOLUME RAMJET ENGINES
      .....PULSEJET ENGINES
      .....SUPERSONIC COMBUSTION RAMJET
           ENGINES
      .....TURBORAMJET ENGINES
      ....T-63 ENGINE
      ....T-76 ENGINE
      ....TURBOJET ENGINES
      .....BRISTOL-SIDDELEY OLYMPUS 593
           ENGINE
      .....BRISTOL-SIDDELEY VIPER ENGINE
      .....DUCTED FAN ENGINES
      .....J-33 ENGINE
      .....J-34 ENGINE
      .....J-47 ENGINE
      .....J-52 ENGINE
      .....J-57 ENGINE
      .....J-57-P-20 ENGINE
      .....J-65 ENGINE
      .....J-69-T-25 ENGINE
      .....J-71 ENGINE
      .....J-73 ENGINE
      .....J-75 ENGINE
      .....J-79 ENGINE
      .....J-85 ENGINE
      .....J-93 ENGINE
      .....RA-28 ENGINE
      .....TURBOFAN ENGINES
      ......BRISTOL-SIDDELEY BS 53 ENGINE
      ......CF-700 ENGINE
      ......CONVERTIBLE FAN-SHAFT ENGINES
      ......J-97 ENGINE
      ......TF-30 ENGINE
      ......TF-41 ENGINE
      .....TURBOPROP ENGINES
      ......T-34 ENGINE
      ......T-38 ENGINE
      ......T-53 ENGINE
      ......T-56 ENGINE
      ......T-64 ENGINE
      ......T-74 ENGINE
      ......T-78 ENGINE
      .....TURBORAMJET ENGINES
      ...T-58 ENGINE
      ...T-58-GE-8B ENGINE
  RT  AIRCRAFT ENGINES
      AUTOMOBILE ENGINES
      CONVERGENT NOZZLES
      GAS BEARINGS
      INTEGRAL ROCKET RAMJETS
      TORPEDO ENGINES

TURBINE EXHAUST NOZZLES
  1504 2805 2806 2808
  GS  EXHAUST NOZZLES
      #TURBINE EXHAUST NOZZLES
  RT  CONICAL NOZZLES
      CONVERGENT-DIVERGENT NOZZLES

TURBINE INSTRUMENTS
  1202 1203 1406 3501
  RT  FLOWMETERS
    % INSTRUMENTS
      TURBOMACHINERY

TURBINE PUMPS
  1501 1504 2801 2805 2808
  UF  TURBOPUMPS
  GS  PUMPS
      .AXIAL FLOW PUMPS
      .#TURBINE PUMPS
      TURBOMACHINERY
      #TURBINE PUMPS
  RT  CENTRIFUGAL PUMPS
      FUEL PUMPS
      JET PUMPS
      PREBURNERS
      TURBINES
      TURBOCOMPRESSORS

TURBINE WHEELS
  0104 1504 2801 2805 2808
  UF  ROTOR DISKS
      TURBOROTORS
  GS  ROTATING BODIES
      .ROTORS
      .#TURBINE WHEELS
      WHEELS
      #TURBINE WHEELS
  RT  COMPRESSOR ROTORS
      ENGINE PARTS
      HYDRAULIC EQUIPMENT
      IMPELLERS
      TURBINES
      TURBOMACHINE BLADES
      WATER WHEELS

TURBINES
  0301 1504 2801 2805
  GS  TURBOMACHINERY
      #TURBINES
      ..AXIAL FLOW TURBINES
      ..GAS TURBINES
      ..SHROUDED TURBINES
      ..STEAM TURBINES
      ..SUPERSONIC TURBINES
      ..TWO STAGE TURBINES
      ..WIND TURBINES
      ...TIP VANES
  RT  ENGINES
      GEOTHERMAL ENERGY CONVERSION
      GEOTHERMAL ENERGY EXTRACTION
      IMPELLERS
      IMPULSE GENERATORS
      JET ENGINE FUELS
      JET PROPULSION
    % NOZZLES
      REFRACTORIES
      ROTATING GENERATORS
      ROTORS
      STATORS
      TURBINE BLADES
      TURBINE PUMPS
      TURBINE WHEELS
      TURBOGENERATORS
      TURBOSHAFTS

TURBO-SKYVAN AIRCRAFT
  USE SC-7 AIRCRAFT

TURBOCHARGERS
  USE SUPERCHARGERS
      TURBOCOMPRESSORS

TURBOCOMPRESSORS
  1202 1203 1504 2805 2808
  UF  AXIAL COMPRESSORS
      AXIAL FLOW COMPRESSORS
      MULTISTAGE COMPRESSORS
      TURBOCHARGERS
  GS  COMPRESSORS
      #TURBOCOMPRESSORS
      TURBOMACHINERY
      #TURBOCOMPRESSORS
  RT  CENTRIFUGAL COMPRESSORS
      CENTRIFUGAL PUMPS
      COMPRESSOR BLADES
      COMPRESSOR ROTORS
      ROTATING STALLS
      ROTORS
      SUPERCHARGERS
```

SUPERSONIC COMPRESSORS
TRANSONIC COMPRESSORS
TURBINE PUMPS
TURBOFANS

TURBOCONVERTERS
USE TURBOGENERATORS

TURBOELECTRIC CONVERSION
USE TURBOGENERATORS

TURBOFAN AIRCRAFT
0201 2801 2805
GS JET AIRCRAFT
#TURBOFAN AIRCRAFT
..A-7 AIRCRAFT
..BAC 111 AIRCRAFT
..BOEING 707 AIRCRAFT
..BOEING 720 AIRCRAFT
..BOEING 727 AIRCRAFT
..BOEING 733 AIRCRAFT
..BOEING 737 AIRCRAFT
..BOEING 757 AIRCRAFT
..BOEING 767 AIRCRAFT
..C-141 AIRCRAFT
..CL-600 CHALLENGER AIRCRAFT
..CONCORDE AIRCRAFT
..CV-990 AIRCRAFT
..DC 8 AIRCRAFT
..DH 121 AIRCRAFT
..DO-31 AIRCRAFT
..F-28 TRANSPORT AIRCRAFT
..F-111 AIRCRAFT
..IL-62 AIRCRAFT
..MYSTERE 20 AIRCRAFT
..P-1127 AIRCRAFT
..P-1154 AIRCRAFT
..SAAB 37 AIRCRAFT
..SAAB 105 AIRCRAFT
..SE-210 AIRCRAFT
..TU-134 AIRCRAFT
..TU-144 AIRCRAFT
RT % AIRCRAFT
C-135 AIRCRAFT
% LOW WING AIRCRAFT
MYSTERE 50 AIRCRAFT
PASSENGER AIRCRAFT
TRANSPORT AIRCRAFT
TURBOPROP AIRCRAFT

TURBOFAN ENGINES
1504 2801 2805 2806
GS ENGINES
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
....#TURBOFAN ENGINES
.....BRISTOL-SIDDELEY BS 53 ENGINE
.....CF-700 ENGINE
.....CONVERTIBLE FAN-SHAFT ENGINES
.....J-97 ENGINE
.....TF-41 ENGINE
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
....#TURBOFAN ENGINES
.....BRISTOL-SIDDELEY BS 53 ENGINE
.....CF-700 ENGINE
.....CONVERTIBLE FAN-SHAFT ENGINES
.....J-97 ENGINE
.....TF-30 ENGINE
.....TF-41 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
....#TURBOFAN ENGINES
.....BRISTOL-SIDDELEY BS 53 ENGINE
.....CF-700 ENGINE
.....CONVERTIBLE FAN-SHAFT ENGINES
.....J-97 ENGINE
.....TF-30 ENGINE
.....TF-41 ENGINE
RT B-52 AIRCRAFT
BOEING 747 AIRCRAFT
BOEING 767 AIRCRAFT
C-5 AIRCRAFT
C-141 AIRCRAFT
DC 10 AIRCRAFT
DUCTED FAN ENGINES
L-1011 AIRCRAFT
P-1127 AIRCRAFT
P-1154 AIRCRAFT
TU-124 AIRCRAFT
TURBOFANS
TURBOPROP ENGINES

TURBOFANS
1504 2801 2805 2806
GS TURBOMACHINERY
#TURBOFANS
RT DUCTED FANS
% FANS
LIFT FANS
TURBOCOMPRESSORS
TURBOFAN ENGINES

TURBOGENERATORS
0301 1202 1504 2304
UF THERMAL POWER
TURBOCONVERTERS
TURBOELECTRIC CONVERSION
GS ELECTRIC GENERATORS
.ROTATING GENERATORS
.#TURBOGENERATORS
...ASTEC SOLAR TURBOELECTRIC GENERATOR
TURBOMACHINERY
#TURBOGENERATORS
..ASTEC SOLAR TURBOELECTRIC GENERATOR
RT AC GENERATORS
% CONVERSION
% ELECTRIC POWER
ELECTRICAL ENGINEERING
GAS TURBINE ENGINES
GAS TURBINES
% GENERATORS
GEOTHERMAL ENERGY CONVERSION
GEOTHERMAL ENERGY EXTRACTION
GEOTHERMAL ENERGY UTILIZATION
HYDROELECTRIC POWER STATIONS
HYDROELECTRICITY
SNAP
SNAP 1
SNAP 2
SNAP 8
SOLAR GENERATORS
SPACE POWER REACTORS
SPACE POWER UNIT REACTORS
STEAM TURBINES
TURBINES
WIND TURBINES

TURBOJET AIRCRAFT
USE JET AIRCRAFT

TURBOJET ENGINE CONTROL
2801 2805 2807
GS ENGINE CONTROL
#TURBOJET ENGINE CONTROL
RT AIRCRAFT CONTROL
AUTOMATIC CONTROL
% CONTROL
FLIGHT CONTROL
FUEL CONTROL
REMOTE CONTROL
SERVOCONTROL
THRUST CONTROL

TURBOJET ENGINES
2801 2805
GS ENGINES

```
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
...#TURBOJET ENGINES
.....BRISTOL-SIDDELEY OLYMPUS 593
     ENGINE
.....BRISTOL-SIDDELEY VIPER ENGINE
.....DUCTED FAN ENGINES
.....J-33 ENGINE
.....J-34 ENGINE
.....J-47 ENGINE
.....J-57 ENGINE
.....J-57-P-20 ENGINE
.....J-65 ENGINE
.....J-69-T-25 ENGINE
.....J-71 ENGINE
.....J-73 ENGINE
.....J-75 ENGINE
.....J-79 ENGINE
.....J-85 ENGINE
.....J-93 ENGINE
.....RA-28 ENGINE
.....TURBOFAN ENGINES
......BRISTOL-SIDDELEY BS 53 ENGINE
......CF-700 ENGINE
.....CONVERTIBLE FAN-SHAFT ENGINES
.....J-97 ENGINE
.....TF-41 ENGINE
.....TURBOPROP ENGINES
.....T-53 ENGINE
.....T-56 ENGINE
.....T-64 ENGINE
.....T-74 ENGINE
.....TURBORAMJET ENGINES
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
...#TURBOJET ENGINES
.....BRISTOL-SIDDELEY OLYMPUS 593
     ENGINE
.....BRISTOL-SIDDELEY VIPER ENGINE
.....DUCTED FAN ENGINES
.....J-33 ENGINE
.....J-34 ENGINE
.....J-47 ENGINE
.....J-52 ENGINE
.....J-57 ENGINE
.....J-57-P-20 ENGINE
.....J-65 ENGINE
.....J-69-T-25 ENGINE
.....J-71 ENGINE
.....J-73 ENGINE
.....J-75 ENGINE
.....J-79 ENGINE
.....J-85 ENGINE
.....J-93 ENGINE
.....RA-28 ENGINE
.....TURBOFAN ENGINES
......BRISTOL-SIDDELEY BS 53 ENGINE
......CF-700 ENGINE
.....CONVERTIBLE FAN-SHAFT ENGINES
.....J-97 ENGINE
.....TF-30 ENGINE
.....TF-41 ENGINE
.....TURBOPROP ENGINES
.....T-34 ENGINE
.....T-38 ENGINE
.....T-53 ENGINE
.....T-56 ENGINE
.....T-64 ENGINE
.....T-74 ENGINE
.....T-78 ENGINE
.....TURBORAMJET ENGINES
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
...#TURBOJET ENGINES
.....BRISTOL-SIDDELEY OLYMPUS 593
     ENGINE
.....BRISTOL-SIDDELEY VIPER ENGINE
.....DUCTED FAN ENGINES
.....J-33 ENGINE
.....J-34 ENGINE
.....J-47 ENGINE
.....J-52 ENGINE
.....J-57 ENGINE
.....J-57-P-20 ENGINE
.....J-65 ENGINE
.....J-69-T-25 ENGINE
.....J-71 ENGINE
.....J-73 ENGINE
.....J-75 ENGINE
.....J-79 ENGINE
.....J-85 ENGINE
.....J-93 ENGINE
.....RA-28 ENGINE
.....TURBOFAN ENGINES
......BRISTOL-SIDDELEY BS 53 ENGINE
......CF-700 ENGINE
.....CONVERTIBLE FAN-SHAFT ENGINES
.....J-97 ENGINE
.....TF-30 ENGINE
.....TF-41 ENGINE
.....TURBOPROP ENGINES
.....T-34 ENGINE
.....T-38 ENGINE
.....T-53 ENGINE
.....T-56 ENGINE
.....T-64 ENGINE
.....T-74 ENGINE
.....T-78 ENGINE
.....TURBORAMJET ENGINES
  RT   CONVERGENT NOZZLES
       HOUND DOG MISSILE
       JET AIRCRAFT
       MACE MISSILES
       QUAIL MISSILE
       RAMJET ENGINES
       REGULUS MISSILE

TURBOMACHINE BLADES
  0104 1202 1501 1504
  GS   #TURBOMACHINE BLADES
       .COMPRESSOR BLADES
       .ROTOR BLADES (TURBOMACHINERY)
       .STATOR BLADES
       .TURBINE BLADES
  RT   AIRFOILS
     % BLADES
     % BUCKETS
       CASCADE FLOW
       FAN BLADES
       IMPELLERS
       MISTUNING (TURBOMACHINERY)
       PADDLES
       ROTORS
       TURBINE WHEELS
       VANES

TURBOMACHINERY
  1202 1203 1504
  GS   #TURBOMACHINERY
       .CENTRIFUGAL COMPRESSORS
       .CENTRIFUGAL PUMPS
       .J-33 ENGINE
       .TURBINE PUMPS
       .TURBINES
       ..AXIAL FLOW TURBINES
       ..GAS TURBINES
       ..SHROUDED TURBINES
       ..STEAM TURBINES
       ..SUPERSONIC TURBINES
       ..TWO STAGE TURBINES
       ..WIND TURBINES
       ...TIP VANES
       .TURBOCOMPRESSORS
       .TURBOFANS
       .TURBOGENERATORS
       ..ASTEC SOLAR TURBOELECTRIC
         GENERATOR
  RT   BLOWERS
       COMPRESSORS
     % MACHINERY
       PUMPS
       ROTATING GENERATORS
```

ROTOR DYNAMICS
SUPERCHARGERS
TURBINE INSTRUMENTS

TURBOPAUSE
1301 1302 2003 3009
GS EARTH ATMOSPHERE
.UPPER ATMOSPHERE
..THERMOSPHERE
..#TURBOPAUSE
RT ATMOSPHERIC CIRCULATION
ATMOSPHERIC PHYSICS
ATMOSPHERIC TURBULENCE

TURBOPROP AIRCRAFT
0104 0201 2801 2805
GS JET AIRCRAFT
#TURBOPROP AIRCRAFT
..AN-22 AIRCRAFT
..AN-24 AIRCRAFT
..ARGOSY MK-1 AIRCRAFT
..BREGUET 941 AIRCRAFT
..BREGUET 1150 AIRCRAFT
..C-2 AIRCRAFT
..C-130 AIRCRAFT
..C-133 AIRCRAFT
..C-160 AIRCRAFT
..CL-44 AIRCRAFT
..CL-84 AIRCRAFT
..DHC 5 AIRCRAFT
..E-2 AIRCRAFT
..ELECTRA AIRCRAFT
..F-27 AIRCRAFT
..G-222 AIRCRAFT
..HS-748 AIRCRAFT
..MH-262 AIRCRAFT
..OV-1 AIRCRAFT
..OV-10 AIRCRAFT
..SC-5 AIRCRAFT
..VISCOUNT AIRCRAFT
..YS-11 AIRCRAFT
RT % AIRCRAFT
GENERAL AVIATION AIRCRAFT
% LOW WING AIRCRAFT
PASSENGER AIRCRAFT
% SUBSONIC AIRCRAFT
TRANSPORT AIRCRAFT
TURBOFAN AIRCRAFT

TURBOPROP ENGINES
0104 2801 2805
UF DART TURBOPROP ENGINES
GS ENGINES
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
....#TURBOPROP ENGINES
.....T-53 ENGINE
.....T-56 ENGINE
.....T-64 ENGINE
.....T-74 ENGINE
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
....#TURBOPROP ENGINES
.....T-34 ENGINE
.....T-38 ENGINE
.....T-53 ENGINE
.....T-56 ENGINE
.....T-64 ENGINE
.....T-74 ENGINE
.....T-78 ENGINE
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....TURBOJET ENGINES
....#TURBOPROP ENGINES
.....T-34 ENGINE
.....T-38 ENGINE
.....T-53 ENGINE
.....T-56 ENGINE
.....T-64 ENGINE
.....T-74 ENGINE
.....T-78 ENGINE
RT C-160 AIRCRAFT
CONTRAROTATING PROPELLERS
E-2 AIRCRAFT
P-3 AIRCRAFT
PROP-FAN TECHNOLOGY
TURBOFAN ENGINES
XC-142 AIRCRAFT

TURBOPUMPS
USE TURBINE PUMPS

TURBORAMJET ENGINES
0202 2801 2805
GS ENGINES
.AIR BREATHING ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....RAMJET ENGINES
....#TURBORAMJET ENGINES
....TURBOJET ENGINES
....#TURBORAMJET ENGINES
.INTERNAL COMBUSTION ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....RAMJET ENGINES
....#TURBORAMJET ENGINES
....TURBOJET ENGINES
....#TURBORAMJET ENGINES
.TURBINE ENGINES
..GAS TURBINE ENGINES
...JET ENGINES
....RAMJET ENGINES
....#TURBORAMJET ENGINES
....TURBOJET ENGINES
....#TURBORAMJET ENGINES

TURBOROCKET ENGINES
2801 2805 2808
GS ENGINES
.ROCKET ENGINES
.#TURBOROCKET ENGINES
.TORPEDO ENGINES
.#TURBOROCKET ENGINES
RT BOOSTER ROCKET ENGINES
HYDRAZINE ENGINES
HYDROGEN OXYGEN ENGINES
LIQUID AIR CYCLE ENGINES
RESTARTABLE ROCKET ENGINES
SUSTAINER ROCKET ENGINES

TURBOROTORS
USE TURBINE WHEELS

TURBOSHAFTS
0102 1504 2806
GS SHAFTS (MACHINE ELEMENTS)
.ROTATING SHAFTS
.#TURBOSHAFTS
RT CONVERTIBLE FAN-SHAFT ENGINES
ROTORS
TURBINES

TURBULENCE
0101 1202 1308 2003 3408
GS #TURBULENCE
.ATMOSPHERIC TURBULENCE
..CLEAR AIR TURBULENCE
..GUSTS
..LOW LEVEL TURBULENCE
.HOMOGENEOUS TURBULENCE
.ISOTROPIC TURBULENCE
.LOW TURBULENCE
.MAGNETOHYDRODYNAMIC TURBULENCE
..PLASMA TURBULENCE
RT AERODYNAMIC DRAG
ATMOSPHERIC EFFECTS
BACKWASH
BOUNDARY LAYER CONTROL
BOUNDARY LAYER TRANSITION

FLOW CHARACTERISTICS
FLUID DYNAMICS
GAS STREAMS
MICROMETEOROLOGY
MIXING
% MOTION
NONUNIFORMITY
PANEL METHOD (FLUID DYNAMICS)
PERIOD DOUBLING
SEA ROUGHNESS
SLIPSTREAMS
STEADY FLOW
STRANGE ATTRACTORS
STROUHAL NUMBER
SURFACE NOISE INTERACTIONS
TURBULENT BOUNDARY LAYER
TURBULENT FLOW
UNSTEADY FLOW
VERTICAL AIR CURRENTS
VORTEX FILAMENTS
VORTICES
VORTICITY
WAKES
WIND EFFECTS

TURBULENCE EFFECTS
0101 1201 1202 1203
RT AERODYNAMIC STABILITY
BUFFETING
% EFFECTS
FLUTTER
SEEING (ASTRONOMY)
SEPARATED FLOW

TURBULENCE METERS
0101 1202 1203 1406 3501
UF HOT-WIRE TURBULENCE METERS
GS MEASURING INSTRUMENTS
#TURBULENCE METERS
RT HOT-WIRE FLOWMETERS

TURBULENCE MODELS
0101 1202 1203 3304
GS MODELS
.MATHEMATICAL MODELS
.#TURBULENCE MODELS
...K-EPSILON TURBULENCE MODEL
RT COMPUTATIONAL FLUID DYNAMICS
FLOW EQUATIONS
MIXING LENGTH FLOW THEORY
RENORMALIZATION GROUP METHODS
TURBULENT BOUNDARY LAYER
TURBULENT COMBUSTION
TURBULENT FLOW

TURBULENT BOUNDARY LAYER
0101 1201 1202 1203
GS BOUNDARY LAYERS
#TURBULENT BOUNDARY LAYER
RT BOUNDARY LAYER TRANSITION
COMPRESSIBLE BOUNDARY LAYER
EKMAN LAYER
HYPERSONIC BOUNDARY LAYER
INCOMPRESSIBLE BOUNDARY LAYER
K-EPSILON TURBULENCE MODEL
LAMINAR BOUNDARY LAYER
% LAYERS
MIXING LAYERS (FLUIDS)
REYNOLDS STRESS
RIBLETS
SUPERSONIC BOUNDARY LAYERS
THERMAL BOUNDARY LAYER
THREE DIMENSIONAL BOUNDARY LAYER
TURBULENCE
TURBULENCE MODELS
TWO DIMENSIONAL BOUNDARY LAYER

TURBULENT COMBUSTION
3301
GS COMBUSTION
#TURBULENT COMBUSTION
RT CHEMICAL EXPLOSIONS
COMBUSTIBLE FLOW
COMBUSTION PHYSICS
COMBUSTION STABILITY
FLAME PROPAGATION
FLAMES
FUEL COMBUSTION
OXIDATION
PREMIXED FLAMES
PROPELLANT COMBUSTION
REACTING FLOW
TURBULENCE MODELS
TURBULENT FLOW

TURBULENT DIFFUSION
2401 2402 2403
UF EDDY DIFFUSION
GS DIFFUSION
#TURBULENT DIFFUSION
RT ATMOSPHERIC DIFFUSION
ATMOSPHERIC TURBULENCE
CLEAR AIR TURBULENCE
COUNTERFLOW

TURBULENT FLOW
0101 1202 1308 2003
GS FLUID FLOW
#TURBULENT FLOW
..CAVITATION FLOW
..SUPERCAVITATING FLOW
RT AERODYNAMIC INTERFERENCE
AERODYNAMICS
ANNULAR FLOW
ATMOSPHERIC TURBULENCE
BLASIUS FLOW
BOUNDARY LAYER TRANSITION
CLOSURE LAW
COMBUSTIBLE FLOW
COUNTERFLOW
CRITICAL FLOW
EDDY VISCOSITY
FLOW CHARACTERISTICS
FLOW STABILITY
FLUID AMPLIFIERS
FLUID DYNAMICS
FREE CONVECTION
GAS FLOW
GUST ALLEVIATORS
INVISCID FLOW
ISOTROPIC TURBULENCE
K-EPSILON TURBULENCE MODEL
KOLMOGOROV THEORY
LAGRANGE SIMILARITY HYPOTHESIS
LAMINAR FLOW
LIQUID FLOW
MASS FLOW
MIXING LENGTH FLOW THEORY
MULTIPHASE FLOW
NONUNIFORM FLOW
OPEN CHANNEL FLOW
ORIFICE FLOW
PARTICLE LADEN JETS
PERIOD DOUBLING
PIPE FLOW
PRESSURE OSCILLATIONS
REACTING FLOW
RECIRCULATIVE FLUID FLOW
REYNOLDS NUMBER
REYNOLDS STRESS
ROTATING FLUIDS
SINGLE-PHASE FLOW
STEADY FLOW
STEAM FLOW
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TOLLMIEN-SCHLICHTING WAVES
% TRANSITION LAYERS
TURBULENCE
TURBULENCE MODELS
TURBULENT COMBUSTION
TWO PHASE FLOW
UNIFORM FLOW
VISCOUS DRAG
VISCOUS FLOW

VORTEX AVOIDANCE
VORTEX BREAKDOWN
VORTICES
VORTICITY TRANSPORT HYPOTHESIS

TURBULENT HEAT TRANSFER
3303 3501
GS TRANSMISSION
.HEAT TRANSMISSION
..HEAT TRANSFER
..#TURBULENT HEAT TRANSFER
RT AERODYNAMIC HEAT TRANSFER
CONVECTIVE HEAT TRANSFER
LAMINAR HEAT TRANSFER
THERMOHYDRAULICS

TURBULENT JETS
1201 1202 1203
RT FLUID AMPLIFIERS
JET STREAMS (METEOROLOGY)
% JETS

TURBULENT MIXING
0201 1201 1202 1203 3009
GS MIXING
#TURBULENT MIXING
RT AGITATION
LAMINAR MIXING
MIXING LAYERS (FLUIDS)
MIXING LENGTH FLOW THEORY
RECIRCULATIVE FLUID FLOW
TRAPPED VORTICES
VORTICES

TURBULENT WAKES
0101 0201 1203 3501
UF SWIRLING WAKES
GS WAKES
#TURBULENT WAKES
..SLIPSTREAMS
...PROPELLER SLIPSTREAMS
RT AIRCRAFT WAKES
LAMINAR WAKES
TRAPPED VORTICES
VORTEX ADVISORY SYSTEM
VORTEX SHEETS
VORTEX STREETS

TURING MACHINES
0801 0802 1504
UF FINITE-STATE MACHINES
RT AUTOMATA THEORY
DIGITAL COMPUTERS
% MACHINERY
MATHEMATICAL LOGIC
SELF ORGANIZING SYSTEMS

TURKEY
1305
GS NATIONS
#TURKEY
RT BLACK SEA
EUROPE
TURKISH SPACE PROGRAM

TURKEYS
0402
GS ANIMALS
.VERTEBRATES
..BIRDS
..#TURKEYS
RT LIVESTOCK

TURKISH SPACE PROGRAM
3409
GS PROGRAMS
.SPACE PROGRAMS
..EUROPEAN SPACE PROGRAMS
..#TURKISH SPACE PROGRAM
RT TURKEY

TURKMENISTAN
1305
GS NATIONS
#TURKMENISTAN
RT ASIA

TURNAROUND (STS)
2311
RT DOWNTIME
FLIGHT TIME
LAUNCH DATES
SCHEDULES
SEQUENCING
SPACECRAFT MAINTENANCE
TESTING TIME

TURNING FLIGHT
0201 1504 1704 3407
UF BANKING FLIGHT
GS #TURNING FLIGHT
.MINOR CIRCLE TURNING FLIGHT
RT AERODYNAMIC BALANCE
AIRCRAFT MANEUVERS
AIRCRAFT STABILITY
CLIMBING FLIGHT
% FLIGHT
FLIGHT PATHS
HORIZONTAL FLIGHT
LATERAL OSCILLATION
LATERAL STABILITY
MANEUVERS
MOMENTUM
ROLL
YAW

TURNSTILE ANTENNAS
0701 0705 0901
GS ANTENNAS
.OMNIDIRECTIONAL ANTENNAS
.#TURNSTILE ANTENNAS
ARRAYS
.ANTENNA ARRAYS
.#TURNSTILE ANTENNAS
RT DIPOLE ANTENNAS
% GRIDS
WIRE GRID LENSES

TURPENTINE
1808
GS SOLVENTS
#TURPENTINE
TERPENES
#TURPENTINE
RT PAINTS

% TURRET
3203 3401
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT GUN TURRETS
TURRET LATHES

TURRET LATHES
1504
GS TOOLS
.MACHINE TOOLS
..LATHES
..#TURRET LATHES
RT % TURRET

TURTLES
0402
GS ANIMALS
.VERTEBRATES
..REPTILES
..#TURTLES

TUTOR AIRCRAFT
USE CL-41 AIRCRAFT

TVC (CONTROL)
USE THRUST VECTOR CONTROL

```
TVD SCHEMES
  1902 1903
  UF   TOTAL VARIATION DIMINISHING SCHEMES
  GS   ANALYSIS (MATHEMATICS)
       .NUMERICAL ANALYSIS
       ..APPROXIMATION
       ..#TVD SCHEMES
  RT   COMPUTATIONAL FLUID DYNAMICS
       ESSENTIALLY NON-OSCILLATORY SCHEMES
       FINITE DIFFERENCE THEORY
       FINITE VOLUME METHOD

TWENTY-FOUR HOUR ORBITS
  1904 3006 3107
  GS   ORBITS
       .EARTH ORBITS
       .#TWENTY-FOUR HOUR ORBITS
       .SPACECRAFT ORBITS
       ..SATELLITE ORBITS
       ..#TWENTY-FOUR HOUR ORBITS
  RT   CIRCULAR ORBITS
       EQUATORIAL ORBITS
       GEOSYNCHRONOUS ORBITS
       ORBITAL MECHANICS
       PAS
       PLANETARY ORBITS
       POLAR ORBITS
       STATIONARY ORBITS
       SYNCHRONOUS COMMUNICATIONS
       SATELLITE PROJ
       SYNCHRONOUS SATELLITES

TWENTY-SEVEN DAY VARIATION
  1901 3001 3003
  GS   VARIATIONS
       #TWENTY-SEVEN DAY VARIATION
  RT   SOLAR CYCLES
       SOLAR ROTATION
       STARSPOTS
       SUNSPOTS

TWILIGHT GLOW
  2003 2902 3001
  GS   ATMOSPHERIC RADIATION
       .SKY RADIATION
       ..AIRGLOW
       ..#TWILIGHT GLOW
       ELECTROMAGNETIC RADIATION
       .LIGHT (VISIBLE RADIATION)
       ..SKY RADIATION
       ...AIRGLOW
       ...#TWILIGHT GLOW
  RT   DAYGLOW
       NIGHT
       NIGHT SKY

TWINNING
  1806 2601
  GS   #TWINNING
       .MECHANICAL TWINNING
  RT   CRYSTAL DEFECTS
       CRYSTAL GROWTH
       CRYSTAL STRUCTURE
       GRAIN BOUNDARIES
       STACKING FAULT ENERGY

TWISTED WINGS
  0102 0104 0201 0202
  GS   AIRFOILS
       .WINGS
       .#TWISTED WINGS
  RT   CAMBERED WINGS
       FIXED WINGS
       FLEXIBLE WINGS
       RING WINGS
       UNCAMBERED WINGS

TWISTING
  2308 3203
  UF   PRETWISTING
  RT   BENDING
       BUCKLING
       DEFORMATION
       DISTORTION
       STRUCTURAL STRAIN
       TORQUE
       TORSION
       TORSIONAL VIBRATION
       WARPAGE
       WINDING

TWITCHING
  0408 3407
  RT   INVOLUNTARY ACTIONS
       MUSCLES
       MUSCULAR FUNCTION

TWO BODY ORBITS
  USE  TWO BODY PROBLEM

TWO BODY PROBLEM
  1309 1901 1902 1904 3001 3006
  UF   TWO BODY ORBITS
  RT   BINARY STARS
       CELESTIAL MECHANICS
       EARTH-MOON SYSTEM
       HYLLERAAS COORDINATES
       MANY BODY PROBLEM
       ORBITAL MECHANICS
       ORBITS
       PERTURBATION
     % PROBLEMS
       ROCHE LIMIT
       THREE BODY PROBLEM

TWO DIMENSIONAL BODIES
  1202 1203 3203 0102
  RT % BODIES
     % CROSS SECTIONS
       DUCTED BODIES
       MATHEMATICAL MODELS
     % SURFACES

TWO DIMENSIONAL BOUNDARY LAYER
  0101 1201 1202
  GS   BOUNDARY LAYERS
       #TWO DIMENSIONAL BOUNDARY LAYER
  RT   LAMINAR BOUNDARY LAYER
       SUPERSONIC BOUNDARY LAYERS
       TURBULENT BOUNDARY LAYER

TWO DIMENSIONAL FLOW
  1202 1203
  GS   FLUID FLOW
       #TWO DIMENSIONAL FLOW
       ..COUETTE FLOW
  RT   AXIAL FLOW
       BLASIUS FLOW
       CAPILLARY WAVES
       COAXIAL FLOW
       FLOW GEOMETRY
       HARTMANN FLOW
       ONE DIMENSIONAL FLOW
       PRANDTL-MEYER EXPANSION
       RADIAL FLOW
       RAYLEIGH WAVES
       STEADY FLOW
       STREAM FUNCTIONS (FLUIDS)
       TAYLOR INSTABILITY
       THREE DIMENSIONAL FLOW
       WALL FLOW
       WEDGE FLOW

TWO DIMENSIONAL JETS
  1202 1203 2502
  RT   JET FLOW
       JET MIXING FLOW
     % JETS
       WALL FLOW

TWO DIMENSIONAL MODELS
  0804 1106 1107 1108 1902 3501
  GS   MODELS
       #TWO DIMENSIONAL MODELS
  RT   COMPUTERIZED SIMULATION
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        MATHEMATICAL MODELS
        THREE DIMENSIONAL MODELS

TWO FLUID MODELS
  1202 1204 2502
  RT    BOLTZMANN DISTRIBUTION
        LIQUID HELIUM
        MAGNETOHYDRODYNAMIC FLOW
        MIXING LAYERS (FLUIDS)
        ROTATING PLASMAS
        SHOCK WAVE PROPAGATION
        SUPERFLUIDITY

TWO PHASE FLOW
  1202 1203 2502 2603
  GS    FLUID FLOW
        .MULTIPHASE FLOW
        .#TWO PHASE FLOW
  RT    GAS FLOW
        LAMINAR FLOW
        LIQUID FLOW
        PARTICLE IMAGE VELOCIMETRY
      % PRESSURE DROP
        SINGLE-PHASE FLOW
        SOLIDS FLOW
        TURBULENT FLOW

TWO PHASE SYSTEMS
  USE   BINARY SYSTEMS (MATERIALS)

TWO PHOTON COHERENT STATES
  USE   SQUEEZED STATES (QUANTUM THEORY)

TWO REFLECTOR ANTENNAS
  0901
  GS    ANTENNAS
        .DIRECTIONAL ANTENNAS
        ..REFLECTOR ANTENNAS
        ..#TWO REFLECTOR ANTENNAS
  RT    CASSEGRAIN ANTENNAS
        RADIO ANTENNAS
        REFLECTOMETERS
        REFLECTORS

TWO STAGE PLASMA ENGINES
  2501 2502 2808
  GS    PLASMA POWER SOURCES
        .PLASMA ENGINES
        .#TWO STAGE PLASMA ENGINES
  RT    ELECTRIC PROPULSION
        PLASMAS (PHYSICS)

TWO STAGE TURBINES
  1504 2801 2805
  GS    TURBOMACHINERY
        .TURBINES
        .#TWO STAGE TURBINES
  RT    GAS TURBINE ENGINES
        GAS TURBINES
        STEAM TURBINES

TWO-WAVELENGTH LASERS
  1601
  GS    STIMULATED EMISSION DEVICES
        .LASERS
        .#TWO-WAVELENGTH LASERS
  RT    COHERENT LIGHT
        DYE LASERS
        LASER OUTPUTS
        MASERS
        MOLECULAR OSCILLATORS
        QUANTUM AMPLIFIERS
        STIMULATED EMISSION

TX-33-39 ENGINE
  USE   XM-33 ENGINE

TX-77 ENGINE
  2808
  GS    ENGINES
        .ROCKET ENGINES
        ..SOLID PROPELLANT ROCKET ENGINES
        ..#TX-77 ENGINE
  RT    LANCE MISSILE

TX-354 ENGINE
  2806 2808 2809
  UF    CASTOR 2 ENGINE
  GS    ENGINES
        .ROCKET ENGINES
        ..SOLID PROPELLANT ROCKET ENGINES
        ..#TX-354 ENGINE
  RT    BOOSTER ROCKET ENGINES
        LITTLE JOE 2 LAUNCH VEHICLE
        RAM B LAUNCH VEHICLE
        SCOUT LAUNCH VEHICLE
        SUSTAINER ROCKET ENGINES
        TRAILBLAZER 2 REENTRY VEHICLE
        XM-33 ENGINE

TYCHO CRATER
  3005 3009 3409
  GS    CRATERS
        .LUNAR CRATERS
        .#TYCHO CRATER
  RT    METEORITE CRATERS

TYPE 2 BURSTS
  0705 2402 2902
  GS    BURSTS
        .RADIO BURSTS
        ..SOLAR RADIO BURSTS
        ..#TYPE 2 BURSTS
        ELECTROMAGNETIC RADIATION
        .RADIO WAVES
        ..EXTRATERRESTRIAL RADIO WAVES
        ...RADIO BURSTS
        ....SOLAR RADIO BURSTS
        ....#TYPE 2 BURSTS
        ...SOLAR RADIO EMISSION
        ....SOLAR RADIO BURSTS
        ....#TYPE 2 BURSTS
        ..RADIO EMISSION
        ...RADIO BURSTS
        ....SOLAR RADIO BURSTS
        ....#TYPE 2 BURSTS
        ...SOLAR RADIO EMISSION
        ....SOLAR RADIO BURSTS
        ....#TYPE 2 BURSTS
        EMISSION
        .RADIO EMISSION
        ..RADIO BURSTS
        ...SOLAR RADIO BURSTS
        ...#TYPE 2 BURSTS
        ..SOLAR RADIO EMISSION
        ...SOLAR RADIO BURSTS
        ...#TYPE 2 BURSTS
        EXTRATERRESTRIAL RADIATION
        .EXTRATERRESTRIAL RADIO WAVES
        ..RADIO BURSTS
        ...SOLAR RADIO BURSTS
        ...#TYPE 2 BURSTS
        ..SOLAR RADIO EMISSION
        ...SOLAR RADIO BURSTS
        ...#TYPE 2 BURSTS
        .SOLAR RADIATION
        ..SOLAR RADIO EMISSION
        ...SOLAR RADIO BURSTS
        ...#TYPE 2 BURSTS

TYPE 3 BURSTS
  0705 2402 2902
  GS    BURSTS
        .RADIO BURSTS
        ..SOLAR RADIO BURSTS
        ..#TYPE 3 BURSTS
        ELECTROMAGNETIC RADIATION
        .RADIO WAVES
        ..EXTRATERRESTRIAL RADIO WAVES
        ...RADIO BURSTS
        ....SOLAR RADIO BURSTS
        ....#TYPE 3 BURSTS
        ...SOLAR RADIO EMISSION
        ....SOLAR RADIO BURSTS
        ....#TYPE 3 BURSTS
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..RADIO EMISSION
...RADIO BURSTS
....SOLAR RADIO BURSTS
....#TYPE 3 BURSTS
...SOLAR RADIO EMISSION
....SOLAR RADIO BURSTS
....#TYPE 3 BURSTS
EMISSION
.RADIO EMISSION
..RADIO BURSTS
...SOLAR RADIO BURSTS
...#TYPE 3 BURSTS
..SOLAR RADIO EMISSION
...SOLAR RADIO BURSTS
...#TYPE 3 BURSTS
EXTRATERRESTRIAL RADIATION
.EXTRATERRESTRIAL RADIO WAVES
..RADIO BURSTS
...SOLAR RADIO BURSTS
...#TYPE 3 BURSTS
..SOLAR RADIO EMISSION
...SOLAR RADIO BURSTS
...#TYPE 3 BURSTS
.SOLAR RADIATION
..SOLAR RADIO EMISSION
...SOLAR RADIO BURSTS
...#TYPE 3 BURSTS

TYPE 4 BURSTS
  0705 2402 2902
  GS   BURSTS
       .RADIO BURSTS
       ..SOLAR RADIO BURSTS
       ..#TYPE 4 BURSTS
       ELECTROMAGNETIC RADIATION
       .RADIO WAVES
       ..EXTRATERRESTRIAL RADIO WAVES
       ...RADIO BURSTS
       ....SOLAR RADIO BURSTS
       ....#TYPE 4 BURSTS
       ...SOLAR RADIO EMISSION
       ....SOLAR RADIO BURSTS
       ....#TYPE 4 BURSTS
       ..RADIO EMISSION
       ...RADIO BURSTS
       ....SOLAR RADIO BURSTS
       ....#TYPE 4 BURSTS
       ...SOLAR RADIO EMISSION
       ....SOLAR RADIO BURSTS
       ....#TYPE 4 BURSTS
       EMISSION
       .RADIO EMISSION
       ..RADIO BURSTS
       ...SOLAR RADIO BURSTS
       ...#TYPE 4 BURSTS
       ..SOLAR RADIO EMISSION
       ...SOLAR RADIO BURSTS
       ...#TYPE 4 BURSTS
       .SOLAR RADIATION
       ..SOLAR RADIO EMISSION
       ...SOLAR RADIO BURSTS
       ...#TYPE 4 BURSTS
       EXTRATERRESTRIAL RADIATION
       .EXTRATERRESTRIAL RADIO WAVES
       ..RADIO BURSTS
       ...SOLAR RADIO BURSTS
       ...#TYPE 4 BURSTS
       ..SOLAR RADIO EMISSION
       ...SOLAR RADIO BURSTS
       ...#TYPE 4 BURSTS
       .SOLAR RADIATION
       ..SOLAR RADIO EMISSION
       ...SOLAR RADIO BURSTS
       ...#TYPE 4 BURSTS

TYPE 5 BURSTS
  0705 2402 2902
  GS   BURSTS
       .RADIO BURSTS
       ..SOLAR RADIO BURSTS
       ..#TYPE 5 BURSTS
       ELECTROMAGNETIC RADIATION
       .RADIO WAVES
       ..EXTRATERRESTRIAL RADIO WAVES
       ...RADIO BURSTS
       ....SOLAR RADIO BURSTS
       ....#TYPE 5 BURSTS
       ...SOLAR RADIO EMISSION
       ....SOLAR RADIO BURSTS
       ....#TYPE 5 BURSTS
       ..RADIO EMISSION
       ...RADIO BURSTS
       ....SOLAR RADIO BURSTS
       ....#TYPE 5 BURSTS
       ...SOLAR RADIO EMISSION
       ....SOLAR RADIO BURSTS
       ....#TYPE 5 BURSTS
       EMISSION
       .RADIO EMISSION
       ..RADIO BURSTS
       ...SOLAR RADIO BURSTS
       ...#TYPE 5 BURSTS
       ..SOLAR RADIO EMISSION
       ...SOLAR RADIO BURSTS
       ...#TYPE 5 BURSTS
       EXTRATERRESTRIAL RADIATION
       .EXTRATERRESTRIAL RADIO WAVES
       ..RADIO BURSTS
       ...SOLAR RADIO BURSTS
       ...#TYPE 5 BURSTS
       ..SOLAR RADIO EMISSION
       ...SOLAR RADIO BURSTS
       ...#TYPE 5 BURSTS
       .SOLAR RADIATION
       ..SOLAR RADIO EMISSION
       ...SOLAR RADIO BURSTS
       ...#TYPE 5 BURSTS

TYPEWRITERS
  0802 1504 3405
  GS   #TYPEWRITERS
       .AUTOMATIC TYPEWRITERS
       .TELETYPEWRITERS
       ..TELEPRINTERS
  RT   PRINTERS

TYPHOID
  0405 0408
  GS   DISEASES
       .INFECTIOUS DISEASES
       ..BACTERIAL DISEASES
       ..#TYPHOID

TYPHON WEAPON SYSTEM
  3401
  GS   WEAPON SYSTEMS
       #TYPHON WEAPON SYSTEM
  RT   BUMBLEBEE PROJECT
     % SYSTEMS

TYPHOONS
  2001 2003
  GS   STORMS
       .STORMS (METEOROLOGY)
       ..CYCLONES
       ..#TYPHOONS
       ..TROPICAL STORMS
       ..#TYPHOONS
  RT   ATMOSPHERIC CIRCULATION
       HURRICANES
       MARINE METEOROLOGY
       METEOROLOGY
       STORM DAMAGE
       TORNADOES

TYPHUS
  0405 0408
  GS   DISEASES
       .INFECTIOUS DISEASES
       ..BACTERIAL DISEASES
       ..#TYPHUS

TYROSINE
  0403
  GS   ACIDS
       .AMINO ACIDS
       .#TYROSINE
       ORGANIC COMPOUNDS
       .AMINO ACIDS
```

.#TYROSINE
RT ENZYME ACTIVITY
LIVER

T2J AIRCRAFT
USE T-2 AIRCRAFT

T3J AIRCRAFT
USE T-39 AIRCRAFT

U BENDS
3203
GS PIPES (TUBES)
#U BENDS
RT FITTINGS

U SPIN SPACE
1902 2307 2403 2405
GS ALGEBRA
.VECTOR SPACES
.#U SPIN SPACE
RT MATRICES (MATHEMATICS)
QUANTUM MECHANICS

U TUBES
USE MANOMETERS

U.S.S.R.
1305 3403
UF SOVIET UNION
GS NATIONS
#U.S.S.R.
RT ASIA
BARENTS SEA
BLACK SEA
CAUCASUS MOUNTAINS (U.S.S.R.)
EUROPE
KURILE ISLANDS
MOSCOW
SEA OF OKHOTSK
SIBERIA

U.S.S.R. SPACE PROGRAM
3409 3009
GS PROGRAMS
.SPACE PROGRAMS
..EUROPEAN SPACE PROGRAMS
..#U.S.S.R. SPACE PROGRAM
RT APOLLO SOYUZ TEST PROJECT
BURAN SPACE SHUTTLE
INTERNATIONAL COOPERATION
INTERNATIONAL RELATIONS
INTERNATIONAL SATELLITE GEODESY EXPERIMENT
LUNAR RETROREFLECTORS
LUNIK LUNAR PROBES
LUNIK 19 LUNAR PROBE
LUNIK 22 LUNAR PROBE
LUNOKHOD LUNAR ROVING VEHICLES
MARS 1 SPACECRAFT
MARS 2 SPACECRAFT
MARS 3 SPACECRAFT
MARS 4 SPACECRAFT
MARS 5 SPACECRAFT
MARS 6 SPACECRAFT
MARS 7 SPACECRAFT
MIR SPACE STATION
MOLNIYA SATELLITES
PROTON SATELLITES
SALYUT SPACE STATION
SOYUZ SPACECRAFT
VEGA PROJECT
VENERA SATELLITES
VENERA 8 SATELLITE
VENERA 10 SATELLITE
VENERA 11 SATELLITE
VENERA 12 SATELLITE

U-2 AIRCRAFT
0207 3401
UF LOCKHEED U-2 AIRCRAFT
WU-2 AIRCRAFT
GS JET AIRCRAFT
#U-2 AIRCRAFT
LOCKHEED AIRCRAFT
#U-2 AIRCRAFT
MONOPLANES
#U-2 AIRCRAFT
OBSERVATION AIRCRAFT
#U-2 AIRCRAFT
RECONNAISSANCE AIRCRAFT
#U-2 AIRCRAFT
RESEARCH AIRCRAFT
#U-2 AIRCRAFT
UTILITY AIRCRAFT
#U-2 AIRCRAFT
RT % AIRCRAFT

U-10 AIRCRAFT
0204 0207
UF COURIER AIRCRAFT
L-28 AIRCRAFT
GS HELIO AIRCRAFT
#U-10 AIRCRAFT
LIGHT AIRCRAFT
#U-10 AIRCRAFT
MONOPLANES
#U-10 AIRCRAFT
PASSENGER AIRCRAFT
#U-10 AIRCRAFT
UTILITY AIRCRAFT
#U-10 AIRCRAFT
V/STOL AIRCRAFT
.SHORT TAKEOFF AIRCRAFT
.#U-10 AIRCRAFT
RT % AIRCRAFT

UARS (SATELLITE)
USE UPPER ATMOSPHERE RESEARCH SATELLITE (UARS)

UBV SPECTRA
2402 2903
GS SPECTRA
.RADIATION SPECTRA
..ELECTROMAGNETIC SPECTRA
..#UBV SPECTRA
RT COLOR-COLOR DIAGRAM

UDIMET ALLOYS
1701 1704 2806 3305
GS ALLOYS
.HEAT RESISTANT ALLOYS
.#UDIMET ALLOYS
.NICKEL ALLOYS
.#UDIMET ALLOYS

UFO
USE UNIDENTIFIED FLYING OBJECTS

UGANDA
1305
GS NATIONS
#UGANDA
RT AFRICA

UH-1 HELICOPTER
0206
UF HU-1 HELICOPTER
IROQUOIS HELICOPTER
RH-2 HELICOPTER
YHU-1 HELICOPTER
YUH-1 HELICOPTER
GS BELL AIRCRAFT
#UH-1 HELICOPTER
UTILITY AIRCRAFT
#UH-1 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#UH-1 HELICOPTER
RT UH-60A HELICOPTER
UH-61A HELICOPTER

UH-2 HELICOPTER
0206
UF HU2K-1 HELICOPTER
KAMAN UH-2A HELICOPTER
SEASPRITE HELICOPTER
GS KAMAN AIRCRAFT
#UH-2 HELICOPTER
UTILITY AIRCRAFT
#UH-2 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#UH-2 HELICOPTER

UH-12 HELICOPTER
USE OH-23 HELICOPTER

UH-13 HELICOPTER
USE OH-13 HELICOPTER

UH-34 HELICOPTER
0206
UF HUS-1 HELICOPTER
SEAHORSE HELICOPTER
GS SIKORSKY AIRCRAFT
#UH-34 HELICOPTER
TRANSPORT AIRCRAFT
#UH-34 HELICOPTER
UTILITY AIRCRAFT
#UH-34 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#UH-34 HELICOPTER
RT S-58 HELICOPTER

UH-60A HELICOPTER
0206 0207
UF YUH-60A HELICOPTER
GS SIKORSKY AIRCRAFT
#UH-60A HELICOPTER
TRANSPORT AIRCRAFT
#UH-60A HELICOPTER
UTILITY AIRCRAFT
#UH-60A HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#UH-60A HELICOPTER
RT HELICOPTER DESIGN
UH-1 HELICOPTER

UH-61A HELICOPTER
0206 0207
UF YUH-61A HELICOPTER
GS SIKORSKY AIRCRAFT
#UH-61A HELICOPTER
TRANSPORT AIRCRAFT
#UH-61A HELICOPTER
UTILITY AIRCRAFT
#UH-61A HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#UH-61A HELICOPTER
RT HELICOPTER DESIGN
UH-1 HELICOPTER

UHTREX (NUCLEAR REACTORS)
USE HIGH TEMPERATURE NUCLEAR REACTORS

UHURU SATELLITE
2402 3001
UF EXPLORER 42 SATELLITE
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
..EXPLORER SATELLITES
..#UHURU SATELLITE
RT GALACTIC RADIATION
SAS
SATELLITE OBSERVATION
X RAY ASTRONOMY
X RAY STARS

UK SATELLITES
3107
UF UNITED KINGDOM SATELLITES
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
.#UK SATELLITES
...UK 4 SATELLITE
RT INFRARED ASTRONOMY SATELLITE
SKYNET SATELLITES
UK SPACE PROGRAM

UK SPACE PROGRAM
3409 3009
GS PROGRAMS
.SPACE PROGRAMS
..EUROPEAN SPACE PROGRAMS
..#UK SPACE PROGRAM
RT HOTOL LAUNCH VEHICLE
UK SATELLITES
UNITED KINGDOM

UK 4 SATELLITE
3107
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
..UK SATELLITES
..#UK 4 SATELLITE

UKRAINE
1305
GS NATIONS
#UKRAINE
RT EUROPE

ULCERS
0404 0405 0408
GS DISEASES
#ULCERS
RT CANCER

ULLAGE
1202 1406 2702 2806
RT FUEL TANK PRESSURIZATION
FUEL TANKS
INTERFACE STABILITY
LIQUID SLOSHING
PROPELLANT TANKS
SPLASHING
TANK GEOMETRY
ULLAGE ROCKET ENGINES

ULLAGE ROCKET ENGINES
2806 2808 3106
GS ENGINES
.ROCKET ENGINES
.#ULLAGE ROCKET ENGINES
.TORPEDO ENGINES
.#ULLAGE ROCKET ENGINES
RT SOLID PROPELLANT ROCKET ENGINES
ULLAGE

ULM (LIGHT MODULATION)
USE ULTRASONIC LIGHT MODULATION

ULNA
0404
GS ANATOMY
.MUSCULOSKELETAL SYSTEM
..BONES
..#ULNA
RT ARM (ANATOMY)
ELBOW (ANATOMY)

ULTRA SHORT WAVE RADIO EQUIPMENT
USE VERY HIGH FREQUENCY RADIO EQUIPMENT

ULTRAHIGH FREQUENCIES

0705 0710 2309 2312 2402
SN (300 TO 3000 MHZ)
UF L BAND
S BAND
GS FREQUENCIES
.RADIO FREQUENCIES
.#ULTRAHIGH FREQUENCIES
...P BAND
RT DECIMETER WAVES
EISCAT RADAR SYSTEM (EUROPE)
FLEET SATELLITE COMMUNICATION
SYSTEM
LOW FREQUENCY BANDS
PASSIVE L-BAND RADIOMETERS
PRAETERSONIC DEVICES
UNIFIED S BAND
VERY HIGH FREQUENCY RADIO EQUIPMENT

ULTRAHIGH VACUUM
1203 1506
GS PRESSURE
.VACUUM
.#ULTRAHIGH VACUUM
RT HIGH VACUUM
LOW DENSITY RESEARCH
RESIDUAL GAS
VACUUM APPARATUS
VACUUM TESTS

ULTRALIGHT AIRCRAFT
0102
RT % AIRCRAFT
HANG GLIDERS
LIGHT AIRCRAFT
MAN POWERED AIRCRAFT
% WINGED VEHICLES

ULTRALOW FREQUENCIES
USE EXTREMELY LOW RADIO FREQUENCIES

ULTRALOW TEMPERATURE
USE CRYOGENIC TEMPERATURE

ULTRAPURE METALS
0602 1703 1704
GS METALS
#ULTRAPURE METALS
RT CRYSTAL LATTICES
IMPURITIES
PURIFICATION
PURITY
SINGLE CRYSTALS
SPACE PROCESSING
VAPOR DEPOSITION
ZONE MELTING

ULTRASHORT PULSED LASERS
1601
GS STIMULATED EMISSION DEVICES
.LASERS
..PULSED LASERS
..#ULTRASHORT PULSED LASERS
RT GLASS LASERS
LASER APPLICATIONS
LIGHT AMPLIFIERS
PULSE DURATION
QUANTUM AMPLIFIERS
STIMULATED EMISSION

ULTRASONIC AGITATION
2301 2309 2312
GS AGITATION
#ULTRASONIC AGITATION
RT ULTRASONICS

ULTRASONIC CLEANING
0101 1201 1704 2301 2311 2312
GS CLEANING
#ULTRASONIC CLEANING
RT ACOUSTICS
CAVITATION FLOW
CLEANERS
ETCHING
FLUID FLOW
GRINDING MACHINES
MACHINE TOOLS
PIEZOELECTRIC TRANSDUCERS
POLISHING
TOOLS
TRANSDUCERS
ULTRASONICS

ULTRASONIC DENSIMETERS
0601
GS MEASURING INSTRUMENTS
.DENSIMETERS
.#ULTRASONIC DENSIMETERS
RT DENSITY (MASS/VOLUME)
DENSITY MEASUREMENT
% INSTRUMENTS
% MEASUREMENT

ULTRASONIC FLAW DETECTION
2301 2311 2312 3404 3406
GS DETECTION
#ULTRASONIC FLAW DETECTION
RT ACOUSTIC IMAGING
% DETECTORS
EXAMINATION
IDENTIFYING
INSPECTION
NONDESTRUCTIVE TESTS
QUALITY CONTROL
ULTRASONIC SCANNERS

ULTRASONIC GRINDING MACHINES
USE ULTRASONIC MACHINING

ULTRASONIC LIGHT MODULATION
1601 2301 2306 2312
UF ULM (LIGHT MODULATION)
GS MODULATION
.LIGHT MODULATION
.#ULTRASONIC LIGHT MODULATION
RT BRAGG CELLS
ULTRASONICS

ULTRASONIC MACHINING
1504 1704 2301 2312
UF ULTRASONIC GRINDING MACHINES
GS MACHINING
#ULTRASONIC MACHINING
RT ULTRASONICS

ULTRASONIC RADIATION
0710 2301 2309 2312 2402
UF ULTRASONIC WAVES
GS ELASTIC WAVES
#ULTRASONIC RADIATION
RT ACOUSTIC FREQUENCIES
COHERENT ACOUSTIC RADIATION
MAGNETOELASTIC WAVES
% RADIATION
SOUND WAVES
ULTRASONICS
UNDERWATER ACOUSTICS

ULTRASONIC SCANNERS
0705 0802 2301 2311 2312 3407
GS SCANNERS
#ULTRASONIC SCANNERS
RT ACOUSTICS
IMAGING TECHNIQUES
MEASURING INSTRUMENTS
SCANNING
ULTRASONIC FLAW DETECTION
ULTRASONICS

ULTRASONIC SOLDERING
1504 1507 2301 3303 0902 1507 1704
3303
UF SONIC SOLDERING
GS SOLDERING
#ULTRASONIC SOLDERING
RT BRAZING

```
     % JOINING
       ULTRASONIC WELDING
       ULTRASONICS

ULTRASONIC SPECTROSCOPY
  1411
  GS   SPECTROSCOPY
       #ULTRASONIC SPECTROSCOPY
  RT   CRACKS
       NONDESTRUCTIVE TESTS
       SPECTRUM ANALYSIS

ULTRASONIC TESTS
  1106 1108 2301 2312 3501
  RT   ACOUSTIC MEASUREMENT
       ACOUSTIC SOUNDING
       DYNAMIC MODULUS OF ELASTICITY
       LAMB WAVES
     % MATERIALS TESTS
       NONDESTRUCTIVE TESTS
       SH WAVES
     % TESTS
       ULTRASONICS

ULTRASONIC WAVE TRANSDUCERS
  0701 0710 1413 2301 2312 3501
  GS   TRANSDUCERS
       #ULTRASONIC WAVE TRANSDUCERS
  RT   ELECTROACOUSTICS
       ELECTRONIC TRANSDUCERS
       MICROPHONES
       PRESSURE SENSORS
       SONAR
       SURFACE ACOUSTIC WAVE DEVICES
       ULTRASONICS
       UNDERWATER ACOUSTICS

ULTRASONIC WAVES
  USE  ULTRASONIC RADIATION

ULTRASONIC WELDING
  1507 2301 2312 3303
  GS   WELDING
       .PRESSURE WELDING
       .#ULTRASONIC WELDING
  RT   SPOT WELDS
       ULTRASONIC SOLDERING
       ULTRASONICS

ULTRASONICS
  2301 2311 2312
  RT   ACOUSTICS
       ELECTROACOUSTICS
       ULTRASONIC AGITATION
       ULTRASONIC CLEANING
       ULTRASONIC LIGHT MODULATION
       ULTRASONIC MACHINING
       ULTRASONIC RADIATION
       ULTRASONIC SCANNERS
       ULTRASONIC SOLDERING
       ULTRASONIC TESTS
       ULTRASONIC WAVE TRANSDUCERS
       ULTRASONIC WELDING

ULTRAVIOLET ABSORPTION
  1411 2306 2311 2402
  GS   ENERGY ABSORPTION
       .RADIATION ABSORPTION
       ..ELECTROMAGNETIC ABSORPTION
       ..#ULTRAVIOLET ABSORPTION
  RT % ABSORPTION
       ULTRAVIOLET DETECTORS

ULTRAVIOLET ASTRONOMY
  1412 2903
  GS   ASTRONOMY
       #ULTRAVIOLET ASTRONOMY
  RT   ELECTROMAGNETIC RADIATION
       EXTREME ULTRAVIOLET EXPLORER
       SATELLITE
       HUBBLE SPACE TELESCOPE
       LYMAN ALPHA RADIATION
       LYMAN BETA RADIATION
       SPARTAN SATELLITES
       STARSAT TELESCOPE
       TELESCOPES
       ULTRAVIOLET TELESCOPES

ULTRAVIOLET DETECTORS
  0411
  GS   MEASURING INSTRUMENTS
       .RADIATION MEASURING INSTRUMENTS
       ..ACTINOMETERS
       ..#ULTRAVIOLET DETECTORS
       ....ULTRAVIOLET SPECTROMETERS
       .....TOTAL OZONE MAPPING
            SPECTROMETER
       ....ULTRAVIOLET SPECTROPHOTOMETERS
  RT % DETECTORS
       PHOTOMETERS
       RADIOMETERS
       ULTRAVIOLET ABSORPTION
       ULTRAVIOLET RADIATION
       ULTRAVIOLET SPECTRA
       X RAY DETECTORS

ULTRAVIOLET EMISSION
  2401 2402 2404 2903
  GS   ELECTROMAGNETIC RADIATION
       .ULTRAVIOLET RADIATION
       .#ULTRAVIOLET EMISSION
       EMISSION
       #ULTRAVIOLET EMISSION
  RT   EMISSION SPECTRA
       SPECTRAL EMISSION
       ULTRAVIOLET SPECTRA

ULTRAVIOLET FILTERS
  1404 2306 2402
  GS   ELECTROMAGNETIC WAVE FILTERS
       .OPTICAL FILTERS
       .#ULTRAVIOLET FILTERS
  RT   BANDPASS FILTERS
       ELECTRIC FILTERS
       INFRARED FILTERS

ULTRAVIOLET LASERS
  1601
  UF   UV LASERS
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       ..GAS LASERS
       ..#ULTRAVIOLET LASERS
       ..PULSED LASERS
       ..#ULTRAVIOLET LASERS
  RT   COHERENT LIGHT
       LASER OUTPUTS
       LIGHT AMPLIFIERS
       LIGHT TRANSMISSION
       MASERS
       MOLECULAR OSCILLATORS
       NITROGEN LASERS
       QUANTUM AMPLIFIERS
       STIMULATED EMISSION
       XENON CHLORIDE LASERS

ULTRAVIOLET LIGHT
  USE  ULTRAVIOLET RADIATION

ULTRAVIOLET MICROSCOPY
  0501 1404 2306 2402
  GS   MICROSCOPY
       #ULTRAVIOLET MICROSCOPY
  RT   MICROSCOPES

ULTRAVIOLET PHOTOGRAPHY
  1404 1407 3501
  GS   PHOTOGRAPHY
       #ULTRAVIOLET PHOTOGRAPHY
  RT   AERIAL PHOTOGRAPHY
       CAMERAS
       COLOR PHOTOGRAPHY
       FAINT OBJECT CAMERA
       INFRARED PHOTOGRAPHY
       RADAR PHOTOGRAPHY
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ULTRAVIOLET PHOTOMETRY
  1406 2306 2402
  GS   IMAGERY
       #ULTRAVIOLET PHOTOMETRY
       OPTICAL MEASUREMENT
       .PHOTOMETRY
       .#ULTRAVIOLET PHOTOMETRY
       PHOTOGRAPHY
       #ULTRAVIOLET PHOTOMETRY
  RT   BLACK AND WHITE PHOTOGRAPHY

ULTRAVIOLET RADIATION
  2401 2402 2404 2903
  UF   ULTRAVIOLET LIGHT
  GS   ELECTROMAGNETIC RADIATION
       #ULTRAVIOLET RADIATION
       ..EXTREME ULTRAVIOLET RADIATION
       ..FAR ULTRAVIOLET RADIATION
       ...LYMAN ALPHA RADIATION
       ...LYMAN BETA RADIATION
       ..NEAR ULTRAVIOLET RADIATION
       ..ULTRAVIOLET EMISSION
  RT   BEAMS (RADIATION)
       BLACK BODY RADIATION
       CERENKOV RADIATION
       COHERENT ELECTROMAGNETIC RADIATION
       CORONAL HOLES
       DAYGLOW
       IUE
       MICROCHANNELS
       MONOCHROMATIC RADIATION
       POLARIZED ELECTROMAGNETIC RADIATION
     % RADIATION
       SEYFERT GALAXIES
       SOLAR RADIATION
       STERILIZATION
       SUNLIGHT
       THERMAL RADIATION
       ULTRAVIOLET DETECTORS
       UMKEHR EFFECT

ULTRAVIOLET REFLECTION
  2306 2309 2402
  GS   REFLECTION
       #ULTRAVIOLET REFLECTION
  RT   INFRARED REFLECTION
       RADIO ECHOES
       REFLECTOMETERS
       SPREAD REFLECTION

ULTRAVIOLET SPECTRA
  1411 2306 2402 2903
  GS   SPECTRA
       .RADIATION SPECTRA
       ..ELECTROMAGNETIC SPECTRA
       ..#ULTRAVIOLET SPECTRA
  RT   ABSORPTION SPECTRA
       EMISSION SPECTRA
       HERZBERG BANDS
       LIGHT (VISIBLE RADIATION)
       LINE SPECTRA
       LYMAN SPECTRA
       MOLECULAR SPECTRA
       RADIO SPECTROSCOPY
       SOLAR SPECTRA
       STELLAR SPECTRA
       ULTRAVIOLET DETECTORS
       ULTRAVIOLET EMISSION

ULTRAVIOLET SPECTROGRAPHS
  USE  ULTRAVIOLET SPECTROMETERS

ULTRAVIOLET SPECTROMETERS
  1404 1405 2306 2402 2903
  UF   ULTRAVIOLET SPECTROGRAPHS
  GS   MEASURING INSTRUMENTS
       .OPTICAL MEASURING INSTRUMENTS
       ..PHOTOMETERS
       ..#ULTRAVIOLET SPECTROMETERS
       ....TOTAL OZONE MAPPING
           SPECTROMETER
       .RADIATION MEASURING INSTRUMENTS
       ..ACTINOMETERS
       ...ULTRAVIOLET DETECTORS
       ...#ULTRAVIOLET SPECTROMETERS
       .....TOTAL OZONE MAPPING
            SPECTROMETER
       ..PHOTOMETERS
       ..#ULTRAVIOLET SPECTROMETERS
       ....TOTAL OZONE MAPPING
           SPECTROMETER
       .SPECTROMETERS
       .#ULTRAVIOLET SPECTROMETERS
       ...HIGH DISPERSION SPECTROGRAPHS
       ...TOTAL OZONE MAPPING SPECTROMETER
       OPTICAL EQUIPMENT
       .OPTICAL MEASURING INSTRUMENTS
       ..PHOTOMETERS
       ..#ULTRAVIOLET SPECTROMETERS
       ....TOTAL OZONE MAPPING
           SPECTROMETER
  RT   EBERT SPECTROMETERS
       SOLAR MAXIMUM MISSION
       SOLAR SPECTROMETERS

ULTRAVIOLET SPECTROPHOTOMETERS
  1404 1411 2306 2402
  GS   MEASURING INSTRUMENTS
       .OPTICAL MEASURING INSTRUMENTS
       ..PHOTOMETERS
       ..#ULTRAVIOLET SPECTROPHOTOMETERS
       ..SPECTROPHOTOMETERS
       ..#ULTRAVIOLET SPECTROPHOTOMETERS
       .RADIATION MEASURING INSTRUMENTS
       ..ACTINOMETERS
       ...SPECTROPHOTOMETERS
       ...#ULTRAVIOLET SPECTROPHOTOMETERS
       ...ULTRAVIOLET DETECTORS
       ...#ULTRAVIOLET SPECTROPHOTOMETERS
       ..PHOTOMETERS
       ..#ULTRAVIOLET SPECTROPHOTOMETERS
       OPTICAL EQUIPMENT
       .OPTICAL MEASURING INSTRUMENTS
       ..PHOTOMETERS
       ..#ULTRAVIOLET SPECTROPHOTOMETERS
       ..SPECTROPHOTOMETERS
       ..#ULTRAVIOLET SPECTROPHOTOMETERS

ULTRAVIOLET SPECTROSCOPY
  1404 1411 2306 2402 2903
  GS   SPECTROSCOPY
       #ULTRAVIOLET SPECTROSCOPY
  RT   ABSORPTION SPECTROSCOPY
       ASTRONOMICAL SPECTROSCOPY
       MOLECULAR SPECTROSCOPY
       OPTOGALVANIC SPECTROSCOPY
       RADIO SPECTROSCOPY
       SPECTROSCOPIC ANALYSIS
       SPECTRUM ANALYSIS
       VACUUM SPECTROSCOPY
       X RAY SPECTROSCOPY

ULTRAVIOLET TELESCOPES
  1412 3001 2903 3001
  GS   TELESCOPES
       #ULTRAVIOLET TELESCOPES
       ..STARLAB
  RT   FAR ULTRAVIOLET RADIATION
       SPACEBORNE ASTRONOMY
       ULTRAVIOLET ASTRONOMY
       X RAY ASTRONOMY

ULYSSES MISSION
  3004
  UF   INTERNATIONAL SOLAR POLAR MISSION
  GS   SPACE MISSIONS
       #ULYSSES MISSION
  RT   INERTIAL UPPER STAGE
       MISSION PLANNING
     % MISSIONS
       SOLAR MAXIMUM MISSION
       SOLAR PROBES
       SUN
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UMBILICAL CONNECTORS
  0404 0507 0904 1104 1504
  GS   CONNECTORS
       #UMBILICAL CONNECTORS
  RT   BUNDLES
       EXTRAVEHICULAR ACTIVITY
       TETHERLINES

UMBILICAL TOWERS
  1102 1104
  GS   TOWERS
       #UMBILICAL TOWERS
  RT   GANTRY CRANES
       LAUNCHING PADS

UMBRAS
  2310 3002
  RT   ECLIPSES
       PENUMBRAS
       SHADOWS

UMBRIEL
  1901 3001 3007 3008
  GS   CELESTIAL BODIES
       .NATURAL SATELLITES
       ..URANUS SATELLITES
       ..#UMBRIEL
  RT   URANUS (PLANET)

UMKEHR EFFECT
  2306 2402 2902
  RT % EFFECTS
       LIGHT SCATTERING
       OZONOSPHERE
       SUNLIGHT
       ULTRAVIOLET RADIATION

UMKLAPP PROCESS
  2401 2403 3407
  RT   ELECTRON SCATTERING
       PHONON BEAMS
       PHONONS
       PHOTON-ELECTRON INTERACTION
     % PROCESSES

UNCAMBERED WINGS
  0101 0102 0103 0104
  GS   AIRFOILS
       .WINGS
       .#UNCAMBERED WINGS
       ...RING WINGS
  RT   CAMBERED WINGS
       FIXED WINGS
       THIN WINGS
       TWISTED WINGS

UNCONSCIOUSNESS
  0401 0408
  GS  #UNCONSCIOUSNESS
       .BLACKOUT (PHYSIOLOGY)
       ..BLACKOUT PREVENTION
       .NARCOSIS
  RT   ANESTHESIA
     % COMA
       SYNCOPE

UNCONTROLLED REENTRY (SPACECRAFT)
  3107 3501
  GS   ATMOSPHERIC ENTRY
       .REENTRY
       ..HYPERSONIC REENTRY
       ..#UNCONTROLLED REENTRY
          (SPACECRAFT)
       ..SPACECRAFT REENTRY
       ..#UNCONTROLLED REENTRY
          (SPACECRAFT)
  RT   AERODYNAMIC HEATING
       COSMOS 954 SATELLITE
       DESCENT
       FLIGHT PATHS
       PLASMA SHEATHS
       SPACECRAFT BREAKUP
       SPACECRAFT SURVIVABILITY

UNCOUPLED MODES
  0710 2402 2403
  GS   MODES
       .VIBRATION MODE
       .#UNCOUPLED MODES
  RT   COUPLED MODES
       COUPLES
       MODES (STANDING WAVES)

UNDAMPED OSCILLATIONS
  0101 1001 1002 2308 2311
  GS   OSCILLATIONS
       #UNDAMPED OSCILLATIONS
  RT   AIRFOIL OSCILLATIONS
       FLAPPING
       FLUTTER
       RESONANT VIBRATION
       STABLE OSCILLATIONS
       WING OSCILLATIONS

UNDER SURFACE BLOWING
  0101
  GS   BLOWING
       #UNDER SURFACE BLOWING
  RT   AERODYNAMIC CHARACTERISTICS
       AIRCRAFT CONFIGURATIONS
       CIRCULATION CONTROL AIRFOILS
       LIFT
     % SURFACES
       UPPER SURFACE BLOWING

UNDERCARRIAGES
  1504 3202
  GS   FRAMES
       #UNDERCARRIAGES
  RT   CARRIAGES
       CARTS
       CHASSIS
       DOLLIES
       LANDING GEAR
       SUBSTRUCTURES
       SUSPENSION SYSTEMS (VEHICLES)

UNDERGROUND ACOUSTICS
  1202
  RT   ACOUSTIC SOUNDING
       EXPLORATION
       MINERALS
       STRATA

UNDERGROUND COMMUNICATION
  0702 0705 0710
  GS   COMMUNICATING
       #UNDERGROUND COMMUNICATION
  RT   RADIO COMMUNICATION

UNDERGROUND EXPLOSIONS
  1106 1108 3302 3401
  GS   EXPLOSIONS
       #UNDERGROUND EXPLOSIONS
  RT   CHEMICAL EXPLOSIONS
       GAS EXPLOSIONS
       MINES (EXCAVATIONS)
       NUCLEAR EXPLOSIONS
       SEISMIC WAVES
       THERMONUCLEAR EXPLOSIONS

UNDERGROUND RADIO ANTENNA GRID (NAVY)
  USE  SEAFARER PROJECT

UNDERGROUND STORAGE
  1102 1103
  RT   DECOMMISSIONING
       MINES (EXCAVATIONS)
       MISSILE STORAGE
       PROPELLANT STORAGE
     % STORAGE
       STORAGE TANKS

UNDERGROUND STRUCTURES
  1102
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  RT    CAVES
        EXCAVATION
        FOUNDATIONS
        MINES (EXCAVATIONS)
        MINING
        PASSAGEWAYS
        TUNNELING (EXCAVATION)

UNDERGROUND TRANSMISSION LINES
  0904
  GS    TRANSMISSION LINES
        #UNDERGROUND TRANSMISSION LINES
  RT    CIRCUITS
        ELECTRIC POWER TRANSMISSION
      % LINES
      % NETWORKS
        POWER LINES

UNDERWATER ACOUSTICS
  2301
  UF    HYDROACOUSTICS
        UNDERWATER SOUND
  GS    ACOUSTICS
        #UNDERWATER ACOUSTICS
  RT    ACOUSTIC SCATTERING
        COHERENT ACOUSTIC RADIATION
        DEEP SCATTERING LAYERS
        ECHO SOUNDING
        ELASTIC WAVES
        LOFAR
        NOISE (SOUND)
        SHOCK WAVES
        SONAR
        SONOBUOYS
        SOUND FIXING AND RANGING
        SOUND TRANSDUCERS
        THERMOCLINES
        ULTRASONIC RADIATION
        ULTRASONIC WAVE TRANSDUCERS

UNDERWATER BREATHING APPARATUS
  0501
  GS    BREATHING APPARATUS
        #UNDERWATER BREATHING APPARATUS
  RT    ARGON-OXYGEN ATMOSPHERES
        BIOENGINEERING
        HELIUM-OXYGEN ATMOSPHERES
        LIFE SUPPORT SYSTEMS

UNDERWATER COMMUNICATION
  0701 0702 1310 1413 2312
  GS    TELECOMMUNICATION
        .COMMUNICATION
        .#UNDERWATER COMMUNICATION
  RT    SEAFARER PROJECT
        SHOCK WAVES
        SONAR
        SONOBUOYS
        SOUND TRANSDUCERS

UNDERWATER ENGINEERING
  1310 2311 3404
  RT    BREAKWATERS
      % ENGINEERING
        SUBMERGED BODIES

UNDERWATER EXPLOSIONS
  3302 3401
  GS    EXPLOSIONS
        #UNDERWATER EXPLOSIONS
  RT    ANTISUBMARINE WARFARE
        CHEMICAL EXPLOSIONS
        HYDROBALLISTICS
        NUCLEAR EXPLOSIONS
        THERMONUCLEAR EXPLOSIONS

UNDERWATER OPTICS
  1407 2306 2310
  RT    DIFFRACTION PATTERNS
        DIFFRACTION PROPAGATION
        GEOMETRICAL OPTICS
        OPACITY
        OPTICAL DENSITY
        OPTICAL PATHS
      % OPTICS
        REFRACTIVITY

UNDERWATER PHOTOGRAPHY
  1310 1407
  GS    PHOTOGRAPHY
        #UNDERWATER PHOTOGRAPHY
  RT    CAMERAS
        COLOR PHOTOGRAPHY
        SEA WATER
        SEAS
        SUBMERGED BODIES

UNDERWATER PHYSIOLOGY
  0408
  GS    PHYSIOLOGY
        #UNDERWATER PHYSIOLOGY
  RT    DIVING (UNDERWATER)
      % SCIENCE
        STRESS (PHYSIOLOGY)

UNDERWATER PROPULSION
  1202 3401
  GS    PROPULSION
        .MARINE PROPULSION
        .#UNDERWATER PROPULSION
        ...SUBMARINE PROPULSION
  RT    AEROQUATIC VEHICLES
        CHEMICAL PROPULSION
        ELECTRIC PROPULSION
        NUCLEAR PROPULSION
        PROPELLER DRIVE
        TORPEDO ENGINES

UNDERWATER RESEARCH LABORATORIES
  1204 3401
  GS    LABORATORIES
        #UNDERWATER RESEARCH LABORATORIES
        RESEARCH VEHICLES
        #UNDERWATER RESEARCH LABORATORIES
        SUBMERGED BODIES
        #UNDERWATER RESEARCH LABORATORIES
        WATER VEHICLES
        .UNDERWATER VEHICLES
        .#UNDERWATER RESEARCH LABORATORIES
  RT    BATHYMETERS
        OCEAN DATA ACQUISITIONS SYSTEMS
        OCEANOGRAPHY

UNDERWATER RESOURCES
  1306
  GS    RESOURCES
        .EARTH RESOURCES
        .#UNDERWATER RESOURCES
  RT    CRUDE OIL
        DREDGING
        FOSSIL FUELS
        GEOTHERMAL RESOURCES
        MARINE RESOURCES
        MINERAL DEPOSITS
        OCEAN BOTTOM
        OCEANOGRAPHY
        OIL EXPLORATION
        SEA WATER
        WATER RESOURCES

UNDERWATER SOUND
  USE   UNDERWATER ACOUSTICS

UNDERWATER STRUCTURES
  1310 3404
  RT    BREAKWATERS
        STRUCTURAL DESIGN
        SUBMERGED BODIES

UNDERWATER TESTS
  0404 0501 0504 1106 1108
  GS    ENVIRONMENTAL TESTS
        #UNDERWATER TESTS
        ..NEUTRAL BUOYANCY SIMULATION
  RT    CORROSION TESTS
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      DIVING (UNDERWATER)
      WATER IMMERSION

UNDERWATER TO SURFACE MISSILES
  3101
  GS  MISSILES
      #UNDERWATER TO SURFACE MISSILES
      ..SUBROC MISSILE
  RT % SURFACES

UNDERWATER TRAJECTORIES
  2308 3006 3101
  GS  TRAJECTORIES
      #UNDERWATER TRAJECTORIES
  RT  ANTISUBMARINE WARFARE
      HYDROBALLISTICS
      MISSILE TRAJECTORIES
      SUBROC MISSILE
      TORPEDOES

UNDERWATER VEHICLES
  1204 3401
  GS  WATER VEHICLES
      #UNDERWATER VEHICLES
      ..SUBMARINES
      ...BALLISTIC MISSILE SUBMARINES
      ...GUIDED MISSILE SUBMARINES
      ...TRIDENT SUBMARINE
      ..UNDERWATER RESEARCH LABORATORIES
  RT  AEROQUATIC VEHICLES
      BOATS
    % MILITARY VEHICLES
      RESEARCH VEHICLES
      SHIPS
      SUBMERGED BODIES
      SURFACE VEHICLES
    % VEHICLES

UNIAXIAL STRAIN
  USE AXIAL STRAIN

UNIDENTIFIED FLYING OBJECTS
  0205 3110 3009
  UF  UFO
  RT % AIRCRAFT
      EXTRATERRESTRIAL INTELLIGENCE
    % SPACECRAFT
    % VEHICLES

UNIFIED FIELD THEORY
  2311
  GS  FIELD THEORY (PHYSICS)
      .GRAND UNIFIED THEORY
      .#UNIFIED FIELD THEORY
  RT  ELECTROMAGNETIC FIELDS
      ELECTROMAGNETIC INTERACTIONS
      ELECTROMAGNETISM
      GRAVITATION THEORY
      GRAVITATIONAL FIELDS
      PARTICLE THEORY
      PLASMA PHYSICS
      RELATIVITY
      STRING THEORY
      SUPERGRAVITY
      SUPERSYMMETRY
      THEORETICAL PHYSICS

UNIFIED S BAND
  0705
  RT  APOLLO SPACECRAFT
      CARRIER FREQUENCIES
      CIRCUMLUNAR COMMUNICATION
      COMMUNICATION EQUIPMENT
      DIFFERENTIAL PULSE CODE MODULATION
      MANNED SPACE FLIGHT NETWORK
      PULSE CODE MODULATION
      SATELLITE COMMUNICATION
      SPACECRAFT COMMUNICATION
      SPACECRAFT TRACKING
      SUPERHIGH FREQUENCIES
      ULTRAHIGH FREQUENCIES

UNIFORM FLOW
  0101 1202 1203 3304
  GS  FLUID FLOW
      #UNIFORM FLOW
      ..BLASIUS FLOW
  RT  AERODYNAMICS
      FLUID DYNAMICS
      GAS FLOW
      HEAT TRANSMISSION
      LAMINAR FLOW
      LIQUID FLOW
      MASS FLOW
      MULTIPHASE FLOW
      NONUNIFORM FLOW
      PIPE FLOW
      PRESSURE GRADIENTS
      QUASI-STEADY STATES
      SINGLE-PHASE FLOW
      SOLIDS FLOW
      STEADY FLOW
      STEAM FLOW
      SUBCRITICAL FLOW
      TURBULENT FLOW
      UNSTEADY FLOW

UNIMOLECULAR STRUCTURES
  0603 2404
  RT  MOLECULAR STRUCTURE
    % STRUCTURES

UNIONIZATION
  3402 3404 3406
  RT  FEDERATIONS
      ORGANIZING
      PERSONNEL
    % UNIONS

% UNIONS
  1504 3404 3406
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  BOOLEAN ALGEBRA
      UNIONIZATION
      UNIONS (CONNECTORS)

UNIONS (CONNECTORS)
  1504
  GS  CONNECTORS
      #UNIONS (CONNECTORS)
  RT  COUPLINGS
      FASTENERS
      FITTINGS
      JOINTS (JUNCTIONS)
      LINKAGES
    % UNIONS

UNIPHASE FLOW
  USE SINGLE-PHASE FLOW

UNIPOLAR TRANSISTORS
  USE FIELD EFFECT TRANSISTORS

UNIQUENESS
  1902 3408
  RT  ABNORMALITIES
      SINGULARITY (MATHEMATICS)

UNIQUENESS THEOREM
  1902 3501
  GS  THEOREMS
      #UNIQUENESS THEOREM
  RT  ALGEBRA
      COMPLEX VARIABLES
      GEOMETRY
      NUMBER THEORY
      PROBABILITY THEORY
      REAL VARIABLES

UNITED ARAB EMIRATES
  1305
  GS  NATIONS
      #UNITED ARAB EMIRATES
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UNITED KINGDOM
1305
UF GREAT BRITAIN
GS NATIONS
#UNITED KINGDOM
..ENGLAND
..GIBRALTAR
..NORTHERN IRELAND
..SCOTLAND
..WALES
RT ENGLISH CHANNEL
EUROPE
UK SPACE PROGRAM

UNITED KINGDOM SATELLITES
USE UK SATELLITES

UNITED NATIONS
3403
RT COMMUNITIES
DEVELOPING NATIONS
FEDERATIONS
INTERNATIONAL COOPERATION
INTERNATIONAL LAW
NATIONS
ORGANIZATIONS
POLITICS
SEA LAW
WORLD METEOROLOGICAL ORGANIZATION

UNITED STATES
1305
UF USA (UNITED STATES)
GS NATIONS
#UNITED STATES
..ALABAMA
..ALASKA
..ARIZONA
..ARKANSAS
..CALIFORNIA
..COLORADO
..CONNECTICUT
..DELAWARE
..FLORIDA
..GEORGIA
..HAWAII
..IDAHO
..ILLINOIS
..INDIANA
..IOWA
..KANSAS
..KENTUCKY
..LOUISIANA
..MAINE
..MARYLAND
..MASSACHUSETTS
..MICHIGAN
..MINNESOTA
..MISSISSIPPI
..MISSOURI
..MONTANA
..NEBRASKA
..NEVADA
..NEW HAMPSHIRE
..NEW JERSEY
..NEW MEXICO
..NEW YORK
..NORTH CAROLINA
..NORTH DAKOTA
..OHIO
..OKLAHOMA
..OREGON
..PENNSYLVANIA
..RHODE ISLAND
..SOUTH CAROLINA
..SOUTH DAKOTA
..TENNESSEE
..TEXAS
..UTAH
..VERMONT
..VIRGINIA
..WASHINGTON
..WEST VIRGINIA
..WISCONSIN
..WYOMING
RT ALEUTIAN ISLANDS (US)
CASCADE RANGE (CA-OR-WA)
CENTRAL ATLANTIC REGION (US)
DISTRICT OF COLUMBIA
GREAT LAKES (NORTH AMERICA)
GREAT PLAINS CORRIDOR (NORTH AMERICA)
GUAM
INTERNATIONAL FIELD YEAR FOR GREAT LAKES
INTERNATIONAL HYDROLOGICAL DECADE
MISSOURI RIVER (US)
NEW ENGLAND (US)
NORTH AMERICA
PACIFIC NORTHWEST (US)
PANAMA CANAL ZONE
PUERTO RICO
ROCKY MOUNTAINS (NORTH AMERICA)
SOUTHERN CALIFORNIA
VIRGIN ISLANDS

UNITS OF MEASUREMENT
1406
GS #UNITS OF MEASUREMENT
.INTERNATIONAL SYSTEM OF UNITS
RT CONVERSION TABLES
DIMENSIONAL ANALYSIS
DIMENSIONS
% MEASUREMENT
METRICATION
METROLOGY
MONTH
PARAMETERIZATION
SIDEREAL TIME
SYMBOLS
TIME

UNITY
3408
RT HOMOGENEITY
STABILITY

UNIVAC COMPUTERS
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
.#UNIVAC COMPUTERS
...UNIVAC LARC COMPUTER
...UNIVAC 80 COMPUTER
...UNIVAC 418 COMPUTER
...UNIVAC 490 COMPUTER
...UNIVAC 494 COMPUTER
...UNIVAC 1100 SERIES COMPUTERS
....UNIVAC 1105 COMPUTER
....UNIVAC 1106 COMPUTER
....UNIVAC 1107 COMPUTER
....UNIVAC 1108 COMPUTER
....UNIVAC 1110 COMPUTER
...UNIVAC 1230 COMPUTER
RT DIGITAL COMPUTERS

UNIVAC LARC COMPUTER
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#UNIVAC LARC COMPUTER
..UNIVAC COMPUTERS
..#UNIVAC LARC COMPUTER

UNIVAC 80 COMPUTER
0801
GS DATA PROCESSING EQUIPMENT
.COMPUTERS
..DIGITAL COMPUTERS
..#UNIVAC 80 COMPUTER
..UNIVAC COMPUTERS
..#UNIVAC 80 COMPUTER

```
UNIVAC 418 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ..#UNIVAC 418 COMPUTER
       ..UNIVAC COMPUTERS
       ..#UNIVAC 418 COMPUTER

UNIVAC 490 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ..#UNIVAC 490 COMPUTER
       ..UNIVAC COMPUTERS
       ..#UNIVAC 490 COMPUTER

UNIVAC 494 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ..#UNIVAC 494 COMPUTER
       ..UNIVAC COMPUTERS
       ..#UNIVAC 494 COMPUTER

UNIVAC 1100 SERIES COMPUTERS
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..ANALOG COMPUTERS
       ..#UNIVAC 1100 SERIES COMPUTERS
       ..DIGITAL COMPUTERS
       ..#UNIVAC 1100 SERIES COMPUTERS
       ....UNIVAC 1105 COMPUTER
       ....UNIVAC 1106 COMPUTER
       ....UNIVAC 1107 COMPUTER
       ....UNIVAC 1108 COMPUTER
       ....UNIVAC 1110 COMPUTER
       ..UNIVAC COMPUTERS
       ..#UNIVAC 1100 SERIES COMPUTERS
       ....UNIVAC 1105 COMPUTER
       ....UNIVAC 1106 COMPUTER
       ....UNIVAC 1107 COMPUTER
       ....UNIVAC 1108 COMPUTER
       ....UNIVAC 1110 COMPUTER

UNIVAC 1105 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1105 COMPUTER
       ..UNIVAC COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1105 COMPUTER

UNIVAC 1106 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1106 COMPUTER
       ..UNIVAC COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1106 COMPUTER

UNIVAC 1107 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1107 COMPUTER
       ..UNIVAC COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1107 COMPUTER

UNIVAC 1108 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1108 COMPUTER
       ..UNIVAC COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1108 COMPUTER

UNIVAC 1110 COMPUTER
  0801
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1110 COMPUTER
       ..UNIVAC COMPUTERS
       ...UNIVAC 1100 SERIES COMPUTERS
       ...#UNIVAC 1110 COMPUTER

UNIVAC 1230 COMPUTER
  0801 0802
  GS   DATA PROCESSING EQUIPMENT
       .COMPUTERS
       ..DIGITAL COMPUTERS
       ..#UNIVAC 1230 COMPUTER
       ..UNIVAC COMPUTERS
       ..#UNIVAC 1230 COMPUTER

UNIVERSAL TIME
  3408
  GS   TIME
       #UNIVERSAL TIME
  RT   EPHEMERIS TIME

UNIVERSE
  3001 3002 3003 3009
  UF   METAGALAXY
  RT   BIG BANG COSMOLOGY
       CELESTIAL BODIES
       COSMOLOGY
     % COSMOS
       DARK MATTER
       RELIC RADIATION

UNIVERSITIES
  0502 3404
  UF   COLLEGES
  RT   EDUCATION
       INSTRUCTORS
       LEARNING
       SCHOOLS
       STUDENTS

UNIVERSITY PROGRAM
  3404 3409
  GS   PROGRAMS
       #UNIVERSITY PROGRAM
  RT   BUREAUS (ORGANIZATIONS)
       INVESTIGATION
       NASA PROGRAMS
       TEAMS

UNIX (OPERATING SYSTEM)
  0802
  GS   COMPUTER PROGRAMS
       .COMPUTER SYSTEMS PROGRAMS
       ..OPERATING SYSTEMS (COMPUTERS)
       ..#UNIX (OPERATING SYSTEM)
  RT   COMPUTER PROGRAMMING
       SOFTWARE ENGINEERING
       WORKSTATIONS

UNLOADING
  0101 0201 3203
  RT % DISCHARGE
       DISPOSAL
       DUMPING
       EJECTION
       EMPTYING
       EVACUATING (TRANSPORTATION)
       EXPULSION
```

LOADING OPERATIONS
MATERIALS HANDLING
RELEASING
REMOVAL
SPREADING

UNLOADING WAVES
0710 3203
GS ELASTIC WAVES
#UNLOADING WAVES

UNMANNED SPACECRAFT
3101 3107 3110
GS #UNMANNED SPACECRAFT
.ECHO 2 SATELLITE
.HEAO 1
.HEAO 2
.HEAO 3
.HOTOL LAUNCH VEHICLE
.PIONEER VENUS SPACECRAFT
..PIONEER VENUS 1 SPACECRAFT
..PIONEER VENUS 2 SPACECRAFT
...PIONEER VENUS 2 TRANSPORTER BUS
.SPACE PROBES
..EXPLORER 18 SATELLITE
..GIOTTO MISSION
..JUPITER PROBES
...GALILEO PROBE
...GALILEO SPACECRAFT
..LUNAR PROBES
...LUNIK LUNAR PROBES
....LUNIK 2 LUNAR PROBE
....LUNIK 3 LUNAR PROBE
....LUNIK 9 LUNAR PROBE
....LUNIK 10 LUNAR PROBE
....LUNIK 11 LUNAR PROBE
....LUNIK 12 LUNAR PROBE
....LUNIK 13 LUNAR PROBE
....LUNIK 14 LUNAR PROBE
....LUNIK 16 LUNAR PROBE
....LUNIK 17 LUNAR PROBE
....LUNIK 19 LUNAR PROBE
....LUNIK 20 LUNAR PROBE
....LUNIK 22 LUNAR PROBE
...RANGER LUNAR PROBES
....RANGER LUNAR LANDING VEHICLES
....RANGER 1 LUNAR PROBE
....RANGER 2 LUNAR PROBE
....RANGER 3 LUNAR PROBE
....RANGER 4 LUNAR PROBE
....RANGER 5 LUNAR PROBE
....RANGER 6 LUNAR PROBE
....RANGER 7 LUNAR PROBE
....RANGER 8 LUNAR PROBE
....RANGER 9 LUNAR PROBE
...SURVEYOR LUNAR PROBES
....SURVEYOR 1 LUNAR PROBE
....SURVEYOR 2 LUNAR PROBE
....SURVEYOR 3 LUNAR PROBE
....SURVEYOR 4 LUNAR PROBE
....SURVEYOR 5 LUNAR PROBE
....SURVEYOR 6 LUNAR PROBE
....SURVEYOR 7 LUNAR PROBE
..MARINER SPACE PROBES
...MARINER R 2 SPACE PROBE
...MARINER 1 SPACE PROBE
...MARINER 2 SPACE PROBE
...MARINER 3 SPACE PROBE
...MARINER 4 SPACE PROBE
...MARINER 5 SPACE PROBE
...MARINER 6 SPACE PROBE
...MARINER 7 SPACE PROBE
...MARINER 8 SPACE PROBE
...MARINER 9 SPACE PROBE
...MARINER 10 SPACE PROBE
...MARINER 11 SPACE PROBE
..MARINER SPACECRAFT
...MARINER C SPACECRAFT
...MARINER VENUS 67 SPACECRAFT
..MARS PROBES
...ADVANCED RECONN ELECTRIC SPACECRAFT
...MARINER 3 SPACE PROBE
...MARINER 4 SPACE PROBE
...MARINER 6 SPACE PROBE
...MARINER 7 SPACE PROBE
...MARINER 8 SPACE PROBE
...MARINER 9 SPACE PROBE
...MARS OBSERVER
...MARS 1 SPACECRAFT
...MARS 2 SPACECRAFT
...MARS 3 SPACECRAFT
...MARS 4 SPACECRAFT
...MARS 5 SPACECRAFT
...MARS 6 SPACECRAFT
...MARS 7 SPACECRAFT
...VIKING SPACECRAFT
....VIKING LANDER SPACECRAFT
.....VIKING LANDER 1
.....VIKING LANDER 2
....VIKING ORBITER SPACECRAFT
.....VIKING ORBITER 1
.....VIKING ORBITER 2
.....VIKING ORBITER 1975
....VIKING 1 SPACECRAFT
.....VIKING LANDER 1
.....VIKING ORBITER 1
....VIKING 2 SPACECRAFT
.....VIKING LANDER 2
.....VIKING ORBITER 2
...ZOND 2 SPACE PROBE
..PIONEER SPACE PROBES
...PIONEER VENUS 2 ENTRY PROBES
....PIONEER VENUS 2 NIGHT PROBE
....PIONEER VENUS 2 SOUNDER PROBE
...PIONEER 1 SPACE PROBE
...PIONEER 2 SPACE PROBE
...PIONEER 3 SPACE PROBE
...PIONEER 4 SPACE PROBE
...PIONEER 5 SPACE PROBE
...PIONEER 6 SPACE PROBE
...PIONEER 7 SPACE PROBE
...PIONEER 8 SPACE PROBE
...PIONEER 9 SPACE PROBE
...PIONEER 10 SPACE PROBE
...PIONEER 11 SPACE PROBE
..SOLAR PROBES
...HELIOS A
...HELIOS B
...HELIOS 1
...HELIOS 2
...STARPROBE SPACECRAFT
...SUNBLAZER SPACE PROBE
..VENUS PROBES
...MAGELLAN SPACECRAFT (NASA)
...MARINER 1 SPACE PROBE
...MARINER 2 SPACE PROBE
...MARINER 5 SPACE PROBE
...MARINER 10 SPACE PROBE
...VENERA SATELLITES
....VENERA 2 SATELLITE
....VENERA 3 SATELLITE
....VENERA 4 SATELLITE
....VENERA 5 SATELLITE
....VENERA 6 SATELLITE
....VENERA 7 SATELLITE
....VENERA 8 SATELLITE
....VENERA 9 SATELLITE
....VENERA 10 SATELLITE
....VENERA 11 SATELLITE
....VENERA 12 SATELLITE
...ZOND 1 SPACE PROBE
...ZOND 3 SPACE PROBE
...ZOND 4 SPACE PROBE
...ZOND 5 SPACE PROBE
...ZOND 6 SPACE PROBE
...ZOND 7 SPACE PROBE
...ZOND 8 SPACE PROBE
..VOYAGER 1 SPACECRAFT
..VOYAGER 2 SPACECRAFT
.TECHNOLOGY FEASIBILITY SPACECRAFT
.ZOND SPACE PROBES
..ZOND 1 SPACE PROBE
..ZOND 2 SPACE PROBE
..ZOND 3 SPACE PROBE

..ZOND 4 SPACE PROBE
..ZOND 5 SPACE PROBE
..ZOND 6 SPACE PROBE
..ZOND 7 SPACE PROBE
..ZOND 8 SPACE PROBE
RT ARTIFICIAL SATELLITES
COMMUNICATION SATELLITES
GEOPHYSICAL SATELLITES
GRAVITY GRADIENT SATELLITES
INFLATABLE SPACECRAFT
INTERPLANETARY SPACECRAFT
LUNAR LANDING MODULES
LUNAR SATELLITES
LUNAR SPACECRAFT
MANNED SPACECRAFT
MARINER PROGRAM
METEOROLOGICAL SATELLITES
MILITARY SPACECRAFT
RECONNAISSANCE SPACECRAFT
RECOVERABLE SPACECRAFT
RENDEZVOUS SPACECRAFT
REUSABLE SPACECRAFT
SIRS B SATELLITE
SPACE CAPSULES
% SPACECRAFT
VOYAGER PROJECT

UNSATURATION (CHEMISTRY)
0601
RT CHEMICAL BONDS
% CHEMISTRY
PRECIPITATION (CHEMISTRY)
% SATURATION
SATURATION (CHEMISTRY)

UNSTEADY AERODYNAMICS
0101 0102
GS FLUID MECHANICS
.FLUID DYNAMICS
..GAS DYNAMICS
...AERODYNAMICS
...#UNSTEADY AERODYNAMICS
RT AERODYNAMIC CHARACTERISTICS
AERODYNAMIC FORCES
AERODYNAMIC STABILITY
AEROELASTICITY
AEROSERVOELASTICITY
FLUTTER
FLUTTER ANALYSIS
UNSTEADY FLOW
WING OSCILLATIONS

UNSTEADY FLOW
0101 1202 1203 2502 3303 3304
UF PULSATING FLOW
GS FLUID FLOW
#UNSTEADY FLOW
..OSCILLATING FLOW
RT AERODYNAMICS
CRITICAL FLOW
% FLOW
FLOW STABILITY
FLOW VELOCITY
FLUID DYNAMICS
GAS FLOW
HEAT TRANSMISSION
HYDRODYNAMIC COEFFICIENTS
LAMINAR FLOW
LIQUID FLOW
MASS FLOW
METHOD OF CHARACTERISTICS
MULTIPHASE FLOW
NONEQUILIBRIUM FLOW
NONNEWTONIAN FLOW
NONUNIFORM FLOW
ORIFICE FLOW
PIPE FLOW
PRESSURE GRADIENTS
SINGLE-PHASE FLOW
SOLIDS FLOW
STEADY FLOW
STEADY STATE
STEAM FLOW
STROUHAL NUMBER
SUBCRITICAL FLOW
SUPERCRITICAL FLOW
TURBULENCE
UNIFORM FLOW
UNSTEADY AERODYNAMICS

UNSTEADY STATE
1003 1202 1303 2311
RT % EQUILIBRIUM
FLUID DYNAMICS
METASTABLE STATE
NONEQUILIBRIUM CONDITIONS
STABILITY
STEADY STATE
SYSTEMS STABILITY
THERMODYNAMICS

UNSWEPT WINGS
0102 0104 0202
GS AIRFOILS
.WINGS
.#UNSWEPT WINGS
...INFINITE SPAN WINGS
...RECTANGULAR WINGS
...RING WINGS
RT FIXED WINGS
SWEPT WINGS
WING PLANFORMS

UP-CONVERTERS
0903
GS FREQUENCY CONVERTERS
#UP-CONVERTERS
RT % CONVERTERS
PARAMETRIC FREQUENCY CONVERTERS
TRANSFORMERS

UPDRAFTS
USE VERTICAL AIR CURRENTS

UPGRADING
3404 3405 3406
RT BENEFICIATION
CONCENTRATING
ENRICHMENT
EXPERIENCE
IMPROVEMENT
PROMOTION
PUBLIC RELATIONS
PURIFICATION
QUALITY
REFINING

UPLINKING
0702
RT CARRIER TO NOISE RATIOS
COMMUNICATION SATELLITES
DOWNLINKING
FREQUENCY REUSE
MICROWAVE TRANSMISSION
SATELLITE TRANSMISSION
TRANSMISSION EFFICIENCY

UPPER AIR
USE UPPER ATMOSPHERE

UPPER ATMOSPHERE
1302 2003 3009
UF UPPER AIR
GS EARTH ATMOSPHERE
#UPPER ATMOSPHERE
..EARTH IONOSPHERE
...E REGION
....E-1 LAYER
....E-2 LAYER
....SPORADIC E LAYER
...LOWER IONOSPHERE
....D REGION
...UPPER IONOSPHERE
....F REGION
.....F 1 REGION

.....F 2 REGION
..EXOSPHERE
..THERMOSPHERE
...TURBOPAUSE
RT ACOUSTIC SOUNDING
AERONOMY
CHEMOSPHERE
FIELD ALIGNED CURRENTS
HETEROSPHERE
HIGH ALTITUDE
HOMOSPHERE
METEOR TRAILS
METEOROLOGICAL BALLOONS
MIDDLE ATMOSPHERE
OZONOSPHERE
PLASMASPHERE
PROTON PRECIPITATION
RADIATION BELTS
SATELLITE ATMOSPHERES
UPPER ATMOSPHERE RESEARCH
SATELLITE (UARS)

UPPER ATMOSPHERE RESEARCH SATELLITE (UARS)
3107
UF UARS (SATELLITE)
GS ARTIFICIAL SATELLITES
.SCIENTIFIC SATELLITES
.#UPPER ATMOSPHERE RESEARCH SATELLITE (UARS)
RT UPPER ATMOSPHERE

UPPER IONOSPHERE
1302 2003 3009
GS EARTH ATMOSPHERE
.UPPER ATMOSPHERE
..EARTH IONOSPHERE
..#UPPER IONOSPHERE
....F REGION
.....F 1 REGION
.....F 2 REGION
RT E REGION

UPPER STAGE ROCKET ENGINES
2801
GS ENGINES
.ROCKET ENGINES
.#UPPER STAGE ROCKET ENGINES
RT INERTIAL UPPER STAGE
MULTISTAGE ROCKET VEHICLES
SPACECRAFT CONFIGURATIONS
SPINNING SOLID UPPER STAGE
STAGE SEPARATION

UPPER SURFACE BLOWING
0101
GS BLOWING
#UPPER SURFACE BLOWING
RT AERODYNAMIC CHARACTERISTICS
AIRCRAFT CONFIGURATIONS
CIRCULATION CONTROL AIRFOILS
LIFT
% SURFACES
UNDER SURFACE BLOWING

UPPER SURFACE BLOWN FLAPS
0104
GS AIRFOILS
.FLAPS (CONTROL SURFACES)
..EXTERNALLY BLOWN FLAPS
..#UPPER SURFACE BLOWN FLAPS
CONTROL SURFACES
.FLAPS (CONTROL SURFACES)
..EXTERNALLY BLOWN FLAPS
..#UPPER SURFACE BLOWN FLAPS
RT AIRCRAFT STABILITY
BOUNDARY LAYER CONTROL
LIFT AUGMENTATION
LIFT DEVICES
% SURFACES

UPPER VOLTA
USE BURKINA

UPSETTING
0410 1704
RT COLD PRESSING
COLD WORKING
FORMING TECHNIQUES
HOT ISOSTATIC PRESSING
HOT PRESSING
HOT WORKING
PRESSING (FORMING)
STAMPING

UPSTREAM
2003
RT AIR CURRENTS
WATER CURRENTS
WIND DIRECTION

UPWASH
0101 1203 3501
RT DOWNWASH
% DRAFT
INTERFERENCE DRAG
INTERFERENCE LIFT

UPWELLING
USE UPWELLING WATER

UPWELLING WATER
1310
UF UPWELLING
RT ATMOSPHERIC CIRCULATION
COASTS
OCEAN CURRENTS
WIND (METEOROLOGY)
WIND DIRECTION

UPWIND SCHEMES (MATHEMATICS)
1902 1903
GS ANALYSIS (MATHEMATICS)
.NUMERICAL ANALYSIS
..APPROXIMATION
..#UPWIND SCHEMES (MATHEMATICS)
RT COMPUTATIONAL FLUID DYNAMICS
EULER EQUATIONS OF MOTION
FINITE DIFFERENCE THEORY

URACIL
0403 1808
GS BASES (CHEMICAL)
#URACIL
NITROGEN COMPOUNDS
#URACIL
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...PYRIMIDINES
...#URACIL
RT ALLOXAN
URIDYLIC ACID

URANIUM
0603 1703 2406
GS CHEMICAL ELEMENTS
.ACTINIDE SERIES
.#URANIUM
...URANIUM ISOTOPES
....URANIUM 232
....URANIUM 233
....URANIUM 234
....URANIUM 235
....URANIUM 238
METALS
.ACTINIDE SERIES
.#URANIUM
...URANIUM ISOTOPES
....URANIUM 232
....URANIUM 233
....URANIUM 234
....URANIUM 235
....URANIUM 238
RT FISSIONABLE MATERIALS
JET MEMBRANE PROCESS

```
       NUCLEAR FUELS
       URANIUM PLASMAS

URANIUM ALLOYS
  1701 1704 2203
  GS   ALLOYS
       #URANIUM ALLOYS
  RT   NUCLEAR FUEL ELEMENTS
       NUCLEAR FUELS

URANIUM CARBIDES
  0603 1804 2203
  GS   ACTINIDE SERIES COMPOUNDS
       .URANIUM COMPOUNDS
       .#URANIUM CARBIDES
       CARBON COMPOUNDS
       .CARBIDES
       .#URANIUM CARBIDES
  RT   CERAMIC NUCLEAR FUELS
       NUCLEAR FUEL ELEMENTS
       NUCLEAR FUELS

URANIUM COMPOUNDS
  0603 1804 2203
  GS   ACTINIDE SERIES COMPOUNDS
       #URANIUM COMPOUNDS
       ..URANIUM CARBIDES
       ..URANIUM FLUORIDES
       ..URANIUM OXIDES
  RT   CERAMIC NUCLEAR FUELS
     % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS
       NUCLEAR FUELS

URANIUM FLUORIDES
  0603 1804 2203
  GS   ACTINIDE SERIES COMPOUNDS
       .URANIUM COMPOUNDS
       .#URANIUM FLUORIDES
       HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORIDES
       ...METAL FLUORIDES
       ...#URANIUM FLUORIDES

URANIUM ISOTOPES
  1704 1804 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..URANIUM
       ..#URANIUM ISOTOPES
       ....URANIUM 232
       ....URANIUM 233
       ....URANIUM 234
       ....URANIUM 235
       ....URANIUM 238
       .NUCLIDES
       ..ISOTOPES
       ..#URANIUM ISOTOPES
       ....URANIUM 232
       ....URANIUM 233
       ....URANIUM 234
       ....URANIUM 235
       ....URANIUM 238
       METALS
       .ACTINIDE SERIES
       ..URANIUM
       ..#URANIUM ISOTOPES
       ....URANIUM 232
       ....URANIUM 233
       ....URANIUM 234
       ....URANIUM 235
       ....URANIUM 238

URANIUM OXIDES
  0603 1804 2203
  GS   ACTINIDE SERIES COMPOUNDS
       .URANIUM COMPOUNDS
       .#URANIUM OXIDES
       CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ..#URANIUM OXIDES
  RT   CERAMIC NUCLEAR FUELS
       MIXED OXIDES
       NUCLEAR FUELS

URANIUM PLASMAS
  0603 2501 2502
  GS   METALS
       #URANIUM PLASMAS
  RT   MAGNETOHYDRODYNAMICS
       PLASMA COMPOSITION
       PLASMA PHYSICS
       RADIOACTIVE MATERIALS
       URANIUM

URANIUM 232
  0603 1703 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..URANIUM
       ...URANIUM ISOTOPES
       ...#URANIUM 232
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ...#URANIUM 232
       ...URANIUM ISOTOPES
       ...#URANIUM 232
       METALS
       .ACTINIDE SERIES
       ..URANIUM
       ...URANIUM ISOTOPES
       ...#URANIUM 232

URANIUM 233
  1703 2203 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..URANIUM
       ...URANIUM ISOTOPES
       ...#URANIUM 233
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ...#URANIUM 233
       ...URANIUM ISOTOPES
       ...#URANIUM 233
       METALS
       .ACTINIDE SERIES
       ..URANIUM
       ...URANIUM ISOTOPES
       ...#URANIUM 233
  RT   NUCLEAR FUELS

URANIUM 234
  1703 2203 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..URANIUM
       ...URANIUM ISOTOPES
       ...#URANIUM 234
       .NUCLIDES
       ..ISOTOPES
       ...URANIUM ISOTOPES
       ...#URANIUM 234
       METALS
       .ACTINIDE SERIES
       ..URANIUM
       ...URANIUM ISOTOPES
       ...#URANIUM 234

URANIUM 235
  1703 2203 2406
  GS   CHEMICAL ELEMENTS
       .ACTINIDE SERIES
       ..URANIUM
       ...URANIUM ISOTOPES
       ...#URANIUM 235
       .NUCLIDES
       ..ISOTOPES
       ...URANIUM ISOTOPES
       ...#URANIUM 235
       METALS
```

.ACTINIDE SERIES
..URANIUM
...URANIUM ISOTOPES
...#URANIUM 235
RT NUCLEAR FUELS

URANIUM 238
1703 2203 2406
GS CHEMICAL ELEMENTS
.ACTINIDE SERIES
..URANIUM
...URANIUM ISOTOPES
...#URANIUM 238
.NUCLIDES
..ISOTOPES
...RADIOACTIVE ISOTOPES
...#URANIUM 238
...URANIUM ISOTOPES
...#URANIUM 238
METALS
.ACTINIDE SERIES
..URANIUM
...URANIUM ISOTOPES
...#URANIUM 238
RT NUCLEAR FUELS

URANUS (PLANET)
1901 3001 3007 3008
GS CELESTIAL BODIES
.PLANETS
..GAS GIANT PLANETS
..#URANUS (PLANET)
RT ARIEL
MIRANDA
OBERON
TITANIA
UMBRIEL
URANUS ATMOSPHERE
URANUS RINGS
VOYAGER 2 SPACECRAFT

URANUS ATMOSPHERE
3001
GS ENVIRONMENTS
.EXTRATERRESTRIAL ENVIRONMENTS
..PLANETARY ENVIRONMENTS
...PLANETARY ATMOSPHERES
...#URANUS ATMOSPHERE
RT AEROSPACE ENVIRONMENTS
% ATMOSPHERES
GAS GIANT PLANETS
HYDROGEN
METHANE
PLANETARY IONOSPHERES
URANUS (PLANET)

URANUS RINGS
3008
GS CELESTIAL BODIES
.PLANETARY RINGS
.#URANUS RINGS
RT JUPITER RINGS
MOONLETS
NATURAL SATELLITES
PLANETARY STRUCTURE
% RINGS
SATURN RINGS
URANUS (PLANET)

URANUS SATELLITES
3001
GS CELESTIAL BODIES
.NATURAL SATELLITES
.#URANUS SATELLITES
...ARIEL
...MIRANDA
...OBERON
...TITANIA
...UMBRIEL

URBAN AREAS
USE CITIES

URBAN DEVELOPMENT
3403 3406
RT CITIES
COMMUNITIES
% DEVELOPMENT
ECONOMIC DEVELOPMENT
INDUSTRIAL AREAS
LAND USE
MEGALOPOLISES
OPERATIONS RESEARCH
PARKS
PLANNING
% PLANS
REGIONAL PLANNING
RESIDENTIAL AREAS
RESOURCES
STARSITE PROGRAM
TECHNOLOGIES

URBAN PLANNING
3402 3403 3406
GS PLANNING
.REGIONAL PLANNING
.#URBAN PLANNING
RT CENSUS
CITIES
COMMUNITIES
HEAT ISLANDS
HIGHWAYS
LAND MANAGEMENT
LAND USE
PARKS
PUBLIC HEALTH
RECREATION
SOCIAL FACTORS
SOCIOLOGY
STARSITE PROGRAM
STREETS

URBAN RESEARCH
3403
RT CITIES
COMMUNITIES
LAND USE
RECREATION
SOCIAL FACTORS
STREETS

URBAN TRANSPORTATION
1101 1103 3404
GS TRANSPORTATION
#URBAN TRANSPORTATION
RT AUTOMATED GUIDEWAY TRANSIT VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
AUTOMATED TRANSIT VEHICLES
INDUSTRIAL AREAS
MEGALOPOLISES
RAIL TRANSPORTATION
RAPID TRANSIT SYSTEMS
REGIONAL PLANNING
SURFACE VEHICLES

UREAS
0403 0505 1808
GS NITROGEN COMPOUNDS
.AMIDES
.#UREAS
...DIFLUOROUREA
...THIOUREAS
...THIURONIUM
RT DIURETICS
FERTILIZERS
URINE

UREILITES
3005
GS CELESTIAL BODIES
.METEORITES
..STONY METEORITES
...ACHONDRITES
...#UREILITES
...CARBONACEOUS METEORITES

...#UREILITES
RT METEORITIC DIAMONDS

URETHANES
1808
GS ESTERS
.CARBAMATES (TRADENAME)
.#URETHANES
RT CYANATES

URIC ACID
0403 1808
GS ACIDS
#URIC ACID
FUNGICIDES
.XANTHINES
.#URIC ACID
NITROGEN COMPOUNDS
.XANTHINES
.#URIC ACID
ORGANIC COMPOUNDS
.CYCLIC COMPOUNDS
..HETEROCYCLIC COMPOUNDS
...PURINES
....XANTHINES
....#URIC ACID
RT ALLOXAN

URIDYLIC ACID
0403 1808
GS ACIDS
#URIDYLIC ACID
ORGANIC COMPOUNDS
.NUCLEOTIDES
.#URIDYLIC ACID
.ORGANIC PHOSPHORUS COMPOUNDS
.#URIDYLIC ACID
PHOSPHORUS COMPOUNDS
.ORGANIC PHOSPHORUS COMPOUNDS
.#URIDYLIC ACID
.PHOSPHATES
.#URIDYLIC ACID
RT AMINO ACIDS
NUCLEIC ACIDS
URACIL

URINALYSIS
0403 0405 0505 0602
GS CHEMICAL TESTS
.CHEMICAL ANALYSIS
.#URINALYSIS
RT DIABETES MELLITUS
PHYSIOLOGICAL TESTS
URINE

URINATION
0404 0408 0505
UF MICTURITION
RT DIURESIS
URINE
WATER BALANCE

URINE
0403 0404 0505
GS BODY FLUIDS
#URINE
WASTES
.LIQUID WASTES
.#URINE
.METABOLIC WASTES
..HUMAN WASTES
..#URINE
RT ANTIDIURETICS
CREATININE
EXCRETION
FECES
HEMATURIA
KIDNEYS
UREAS
URINALYSIS
URINATION

UROGRAPHY
0405 0501
GS IMAGERY
.RADIOGRAPHY
.#UROGRAPHY
PHOTOGRAPHY
#UROGRAPHY
RT BLACK AND WHITE PHOTOGRAPHY

UROLITHIASIS
0405 0408
GS DISEASES
#UROLITHIASIS
RT CALCULI
KIDNEYS
UROLOGY

UROLOGY
0404 0405
GS MEDICAL SCIENCE
#UROLOGY
RT BLADDER
GENITOURINARY SYSTEM
KIDNEYS
UROLITHIASIS

URUGUAY
1305
GS NATIONS
#URUGUAY
RT SOUTH AMERICA

US-2A AIRCRAFT
USE S-2 AIRCRAFT

USA (UNITED STATES)
USE UNITED STATES

USER MANUALS (COMPUTER PROGRAMS)
0801 0802 3405
GS DOCUMENTS
.HANDBOOKS
.#USER MANUALS (COMPUTER PROGRAMS)
.MANUALS
.#USER MANUALS (COMPUTER PROGRAMS)
RT COMPUTER PROGRAMS
PROGRAMS
REPORT GENERATORS
% ROUTINES
SUBROUTINES

USER REQUIREMENTS
0802
RT COMMERCE LAB
HUMAN-COMPUTER INTERFACE
INTERNATIONAL COOPERATION
REQUIREMENTS
SPECIFICATIONS

USER-COMPUTER INTERFACE
USE HUMAN-COMPUTER INTERFACE

USNS KINGSPORT
USE SATELLITE COMMUNICATIONS SHIPS

UTAH
1305
GS NATIONS
.UNITED STATES
.#UTAH
RT COLORADO PLATEAU (US)
COLORADO RIVER (NORTH AMERICA)
GREAT BASIN (US)
GREAT SALT LAKE (UT)

UTERUS
0404
GS ANATOMY
.GENITOURINARY SYSTEM
..REPRODUCTIVE SYSTEMS
..#UTERUS

UTILITIES

3408
RT % ELECTRIC EQUIPMENT
% ELECTRIC POWER
GARBAGE
INDUSTRIES
INTEGRATED ENERGY SYSTEMS
LOGISTICS
MODULAR INTEGRATED UTILITY SYSTEM
SERVICES
SITE SELECTION
TELEPHONES
WASTE DISPOSAL
WATER

UTILITY AIRCRAFT
0204 0207
GS #UTILITY AIRCRAFT
.BO-105 HELICOPTER
.C-140 AIRCRAFT
.DHC 4 AIRCRAFT
.DHC 5 AIRCRAFT
.DO-27 AIRCRAFT
.DO-28 AIRCRAFT
.HC-3 HELICOPTER
.HH-43 HELICOPTER
.OH-13 HELICOPTER
.OH-23 HELICOPTER
.P-531 HELICOPTER
.PD-808 AIRCRAFT
.S-2 AIRCRAFT
.SAAB 105 AIRCRAFT
.T-39 AIRCRAFT
.U-2 AIRCRAFT
.U-10 AIRCRAFT
.UH-1 HELICOPTER
.UH-2 HELICOPTER
.UH-34 HELICOPTER
.UH-60A HELICOPTER
.UH-61A HELICOPTER
.WESTLAND WHIRLWIND HELICOPTER
.XV-8A AIRCRAFT
.Z-37 AIRCRAFT
RT % AIRCRAFT
BIPLANES
CARGO AIRCRAFT
COMMERCIAL AIRCRAFT
GENERAL AVIATION AIRCRAFT
HELICOPTERS
LIGHT AIRCRAFT
% MILITARY AIRCRAFT
OBSERVATION AIRCRAFT
RECONNAISSANCE AIRCRAFT
SNOW AIRCRAFT
% SUBSONIC AIRCRAFT
TERRAIN FOLLOWING AIRCRAFT
TRANSPORT AIRCRAFT
V/STOL AIRCRAFT
WATER TAKEOFF AND LANDING AIRCRAFT

UTILIZATION
3404 3408
UF APPLICATION
GS #UTILIZATION
.COAL UTILIZATION
.GEOTHERMAL ENERGY UTILIZATION
.LASER APPLICATIONS
..LASER CUTTING
..LASER DEPOSITION
...PULSED LASER DEPOSITION
..LASER FUSION
.REUSE
..SOFTWARE REUSE
.WASTE ENERGY UTILIZATION
.WASTE UTILIZATION
.WINDPOWER UTILIZATION
RT CONSUMPTION
DEPLETION
EFFICIENCY
TECHNOLOGY UTILIZATION

UTRICLE
0404 0405 0409
RT PLANTS (BOTANY)
SEEDS

UV CETI STARS
USE FLARE STARS

UV LASERS
USE ULTRAVIOLET LASERS

UZBEKISTAN
1305
GS NATIONS
#UZBEKISTAN
RT ASIA

V BAND
USE EXTREMELY HIGH FREQUENCIES

V GROOVES
1504 1704 3203
GS GROOVES
#V GROOVES
..RIBLETS
RT MACHINING
MICROMACHINING
NOTCHES

V-1 MISSILE
3101 3106
GS MISSILES
.SURFACE TO SURFACE MISSILES
.#V-1 MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES
PULSEJET ENGINES

V-2 MISSILE
3101 3401
GS MISSILES
.BALLISTIC MISSILES
.#V-2 MISSILE
RT LIQUID PROPELLANT ROCKET ENGINES

V-3 AIRCRAFT
USE XV-3 AIRCRAFT

V-4 AIRCRAFT
USE XV-4 AIRCRAFT

V-5 AIRCRAFT
USE XV-5 AIRCRAFT

V-9 AIRCRAFT
USE XV-9A AIRCRAFT

V-22 AIRCRAFT
0207
UF OSPREY AIRCRAFT
GS BELL AIRCRAFT
#V-22 AIRCRAFT
BOEING AIRCRAFT
#V-22 AIRCRAFT
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..TILT ROTOR AIRCRAFT
..#V-22 AIRCRAFT
RT % AIRCRAFT
HELICOPTERS
% MILITARY AIRCRAFT
ROTARY WINGS
TILT ROTOR RESEARCH AIRCRAFT
PROGRAM
TILT WING AIRCRAFT
TILTING ROTORS

V/STOL AIRCRAFT
0209 3404
UF CONVERTAPLANES
STEEP GRADIENT AIRCRAFT
GS #V/STOL AIRCRAFT
.CL-84 AIRCRAFT
.DO-31 AIRCRAFT
.FV-12A AIRCRAFT
.G-95/4 AIRCRAFT

.G-222 AIRCRAFT
.L-29 JET TRAINER
.P-1127 AIRCRAFT
.P-1154 AIRCRAFT
.ROTARY WING AIRCRAFT
..AUTOGYROS
...AVIAN 2/180 AUTOGIRO
..HELICOPTERS
...ALOUETTE HELICOPTERS
....SA-330 HELICOPTER
....SE-3160 HELICOPTER
...COMPOUND HELICOPTERS
...H-17 HELICOPTER
...LIGHT HELICOPTERS
....OH-4 HELICOPTER
....OH-5 HELICOPTER
....OH-6 HELICOPTER
....OH-58 HELICOPTER
...MILITARY HELICOPTERS
....AH-1G HELICOPTER
....AH-64 HELICOPTER
....BELL 214A HELICOPTER
....BO-105 HELICOPTER
....CH-3 HELICOPTER
....CH-21 HELICOPTER
....CH-34 HELICOPTER
....CH-46 HELICOPTER
....CH-47 HELICOPTER
....CH-54 HELICOPTER
....H-19 HELICOPTER
....H-43 HELICOPTER
....H-53 HELICOPTER
....H-54 HELICOPTER
....H-56 HELICOPTER
....H-60 HELICOPTER
....HC-3 HELICOPTER
....HEAVY LIFT HELICOPTERS
.....CH-62 HELICOPTER
....HH-43 HELICOPTER
....OH-4 HELICOPTER
....OH-5 HELICOPTER
....OH-6 HELICOPTER
....OH-13 HELICOPTER
....OH-23 HELICOPTER
....OH-58 HELICOPTER
....P-531 HELICOPTER
....QH-50 HELICOPTER
....S-58 HELICOPTER
....S-61 HELICOPTER
....SA-321 HELICOPTER
....SA-330 HELICOPTER
....SH-3 HELICOPTER
....SH-4 HELICOPTER
....SIKORSKY WHIRLWIND HELICOPTER
....UH-1 HELICOPTER
....UH-2 HELICOPTER
....UH-34 HELICOPTER
....UH-60A HELICOPTER
....UH-61A HELICOPTER
....WESTLAND WHIRLWIND HELICOPTER
....XV-9A AIRCRAFT
...RIGID ROTOR HELICOPTERS
....CH-3 HELICOPTER
....F-28 HELICOPTER
....XH-51 HELICOPTER
...TANDEM ROTOR HELICOPTERS
....CH-46 HELICOPTER
....CH-47 HELICOPTER
....H-25 HELICOPTER
...TH-55 HELICOPTER
..ROTOR SYSTEMS RESEARCH AIRCRAFT
..TILT ROTOR AIRCRAFT
...V-22 AIRCRAFT
...XV-15 AIRCRAFT
.SHORT TAKEOFF AIRCRAFT
..ALADIN 2 AIRCRAFT
..BREGUET 940 AIRCRAFT
..BREGUET 941 AIRCRAFT
..C-8A AUGMENTOR WING AIRCRAFT
..C-15 AIRCRAFT
..C-123 AIRCRAFT
..DHC 4 AIRCRAFT
..DHC 5 AIRCRAFT
..QUESTOL AIRCRAFT
..U-10 AIRCRAFT
.VERTICAL TAKEOFF AIRCRAFT
..FLYING PLATFORMS
..SC-1 AIRCRAFT
..VJ-101 AIRCRAFT
..VZ-8 AIRCRAFT
..X-13 AIRCRAFT
..X-14 AIRCRAFT
..X-19 AIRCRAFT
..X-22 AIRCRAFT
..X-22A AIRCRAFT
..XC-142 AIRCRAFT
..XV-4 AIRCRAFT
..XV-11A AIRCRAFT
.VZ-2 AIRCRAFT
.XV-3 AIRCRAFT
.XV-5 AIRCRAFT
.XV-8A AIRCRAFT
RT % AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
ATTACK AIRCRAFT
COMMERCIAL AIRCRAFT
CONVERTIBLE FAN-SHAFT ENGINES
DRONE AIRCRAFT
FAN IN WING AIRCRAFT
FIGHTER AIRCRAFT
GROUND EFFECT MACHINES
HELIPORTS
HOVERING
JET AIRCRAFT
% MILITARY AIRCRAFT
PASSENGER AIRCRAFT
RECONNAISSANCE AIRCRAFT
RESEARCH AIRCRAFT
SHORT HAUL AIRCRAFT
STOVL AIRCRAFT
TILT WING AIRCRAFT
TRANSITION FLIGHT
TRANSPORT AIRCRAFT
UTILITY AIRCRAFT
VERTICAL FLIGHT
WESER AIRCRAFT
WESTLAND AIRCRAFT

VACANCIES (CRYSTAL DEFECTS)
1806 2601
GS DEFECTS
.CRYSTAL DEFECTS
..POINT DEFECTS
..#VACANCIES (CRYSTAL DEFECTS)
....FRENKEL DEFECTS
RT HOLES (ELECTRON DEFICIENCIES)
SQUARE WELLS

VACCINES
0404 0405 0412
GS #VACCINES
.INOCULUM
RT ACQUIRED IMMUNODEFICIENCY SYNDROME
ANTIBODIES
ANTIGENS
ANTISERUMS
BACTERIOLOGY
BIOCOMPATIBILITY
DISEASES
DRUGS
EPIDEMIOLOGY
HUMAN IMMUNODEFICIENCY VIRUS
INOCULATION
TOXICOLOGY
TOXINS AND ANTITOXINS

VACILLATION
0408 0410
RT DITHERS
HUMAN REACTIONS

VACUUM
1408 1506 2311
UF ASPIRATION
GS PRESSURE

```
       #VACUUM
       ..HIGH VACUUM
       ..LOW VACUUM
       ..ULTRAHIGH VACUUM
  RT   AEROSPACE ENVIRONMENTS
       BOUNDARY LAYER CONTROL
       EVACUATING (VACUUM)
       GETTERS
       HIGH PRESSURE
       KNUDSEN FLOW
       LOW PRESSURE
       MEAN FREE PATH
       OFFGASSING
       OUTGASSING
       PRESSURE MEASUREMENT
       RAREFACTION
       SUCTION

VACUUM APPARATUS
  0905 1203 1506 3501
  GS  #VACUUM APPARATUS
       .VACUUM CHAMBERS
       .VACUUM FURNACES
       .VACUUM GAGES
       ..IONIZATION GAGES
       ...ALPHATRONS
       ...BAYARD-ALPERT IONIZATION GAGES
       ...PENNING GAGES
       ...PHILIPS IONIZATION GAGES
       ..KNUDSEN GAGES
       ..MCLEOD GAGES
       ..PIRANI GAGES
       .VACUUM PUMPS
       ..CONDENSATION PUMPS
       ..ION PUMPS
       ..MOLECULAR PUMPS
  RT   COLD TRAPS
       DIFFUSION PUMPS
       HIGH VACUUM
       LOW DENSITY RESEARCH
       RESIDUAL GAS
       SUCTION
       ULTRAHIGH VACUUM
       VACUUM ARC SWITCHES

VACUUM ARC SWITCHES
  0801
  GS   SWITCHES
       .ELECTRIC SWITCHES
       .#VACUUM ARC SWITCHES
  RT   AIRBORNE EQUIPMENT
       SWITCHING CIRCUITS
       VACUUM APPARATUS
       VACUUM EFFECTS

VACUUM CHAMBERS
  1106 1108 1203 1506 3501
  UF   LOW PRESSURE CHAMBERS
  GS   COMPARTMENTS
       .TEST CHAMBERS
       ..PRESSURE CHAMBERS
       ..#VACUUM CHAMBERS
       VACUUM APPARATUS
       #VACUUM CHAMBERS
  RT   ALTITUDE SIMULATION
     % CHAMBERS
       HIGH ALTITUDE ENVIRONMENTS
       HIGH ALTITUDE PRESSURE
       HYPERBARIC CHAMBERS
       PRESSURE
       SPACE ENVIRONMENT SIMULATION
       SPACE SIMULATORS
       THERMAL VACUUM TESTS
       WIND TUNNEL DRIVES

VACUUM DEPOSITION
  1506 1507 1802
  GS   DEPOSITION
       .VAPOR DEPOSITION
       .#VACUUM DEPOSITION
  RT   CERAMIC COATINGS
       DIAMOND FILMS
       ELECTROLESS DEPOSITION
       ION PLATING

VACUUM EFFECTS
  1203 1506 1704 2304 2601 3501
  RT   COLD WELDING
     % EFFECTS
       ENVIRONMENTS
       OFFGASSING
       PRESSURE EFFECTS
       SPACE MANUFACTURING
       VACUUM ARC SWITCHES

VACUUM FURNACES
  1504 1506 3303
  GS   HEATING EQUIPMENT
       .FURNACES
       .#VACUUM FURNACES
       VACUUM APPARATUS
       #VACUUM FURNACES
  RT   SOLAR FURNACES

VACUUM GAGES
  1408 1506 2001 2003 3501
  GS   MEASURING INSTRUMENTS
       .PRESSURE GAGES
       .#VACUUM GAGES
       ...IONIZATION GAGES
       ....ALPHATRONS
       ....BAYARD-ALPERT IONIZATION GAGES
       ....PENNING GAGES
       ....PHILIPS IONIZATION GAGES
       ...KNUDSEN GAGES
       ...MCLEOD GAGES
       ...PIRANI GAGES
       VACUUM APPARATUS
       #VACUUM GAGES
       ..IONIZATION GAGES
       ...ALPHATRONS
       ...BAYARD-ALPERT IONIZATION GAGES
       ...PENNING GAGES
       ...PHILIPS IONIZATION GAGES
       ..KNUDSEN GAGES
       ..MCLEOD GAGES
       ..PIRANI GAGES
  RT   BAROMETERS
       MANOMETERS
       ORBITRONS
       PRESSURE MEASUREMENT

VACUUM MELTING
  1506 1704 3303
  GS   PHASE TRANSFORMATIONS
       .MELTING
       .#VACUUM MELTING
  RT   ARC MELTING
       INDUCTION HEATING
       LEVITATION
       POWDER METALLURGY
       ZONE MELTING

VACUUM PUMPS
  1202 1501 1504 1506
  GS   PUMPS
       #VACUUM PUMPS
       ..CONDENSATION PUMPS
       ..ION PUMPS
       ..MOLECULAR PUMPS
       VACUUM APPARATUS
       #VACUUM PUMPS
       ..CONDENSATION PUMPS
       ..ION PUMPS
       ..MOLECULAR PUMPS
  RT   COMPRESSORS
       CRYOPUMPING
       DIFFUSION PUMPS
       EJECTORS
       EVACUATING (VACUUM)
       JET PUMPS
       MATERIALS HANDLING
       OUTGASSING
       SUCTION
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VACUUM SPECTROSCOPY
  0601 1411 1506
  GS   SPECTROSCOPY
       #VACUUM SPECTROSCOPY
  RT   GAS SPECTROSCOPY
       INFRARED SPECTROSCOPY
       MAGNETIC SPECTROSCOPY
       MASS SPECTROSCOPY
       MOLECULAR SPECTROSCOPY
       NUCLEAR RADIATION SPECTROSCOPY
       SPECTROSCOPIC ANALYSIS
       ULTRAVIOLET SPECTROSCOPY
       X RAY SPECTROSCOPY

VACUUM SYSTEMS
  1106 1108 1504 1506
  RT   AMPOULES
     % SYSTEMS

VACUUM TESTS
  1506
  GS  #VACUUM TESTS
       .THERMAL VACUUM TESTS
  RT   HIGH VACUUM
       HYPOBARIC ATMOSPHERES
       TEST CHAMBERS
     % TESTS
       ULTRAHIGH VACUUM

VACUUM TUBE OSCILLATORS
  0710 0903 0905 1506
  GS   ELECTRON TUBES
       .VACUUM TUBES
       .#VACUUM TUBE OSCILLATORS
       OSCILLATORS
       #VACUUM TUBE OSCILLATORS
  RT   AUTODYNES
       FREQUENCY MODULATION
       PHOTOMULTIPLIERS
       MICROWAVE OSCILLATORS

VACUUM TUBES
  0701 0903 0905 1506
  GS   ELECTRON TUBES
       #VACUUM TUBES
       ..CATHODE RAY TUBES
       ...PICTURE TUBES
       ..CESIUM DIODES
       ..MICROWAVE TUBES
       ...CELESCOPES
       ...CYCLOTRON RESONANCE DEVICES
       ...KLYSTRONS
       ...MAGNETRONS
       ....NIGOTRONS
       ...PLANOTRONS
       ...TRAVELING WAVE TUBES
       ....BACKWARD WAVE TUBES
       .....HELITRONS
       ....CARCINOTRONS
       ..VACUUM TUBE OSCILLATORS
  RT   PENTODES
       PERVEANCE
       RESIDUAL GAS

VACUUM ULTRAVIOLET RADIATION
  USE  FAR ULTRAVIOLET RADIATION

VADOSE WATER
  1305
  GS   WATER
       #VADOSE WATER
  RT   COASTAL WATER
       EVAPOTRANSPIRATION
       LAKE TEXOMA (OK-TX)
       NEARSHORE WATER
       RIVER BASINS
       SOILS
       WATER TABLES

VALENCE
  0603 2401 2405
  GS  #VALENCE
       .OCTETS
  RT   CHEMICAL BONDS
       CONDUCTION ELECTRONS
       ION CHARGE
       IONS
       POSITIVE IONS
       QUANTUM WELLS
       TRIVALENT IONS

VALERIC ACID
  1808
  GS   ACIDS
       .CARBOXYLIC ACIDS
       ..FATTY ACIDS
       ..#VALERIC ACID
       ORGANIC COMPOUNDS
       .CARBOXYLIC ACIDS
       ..FATTY ACIDS
       ..#VALERIC ACID

VALIANT AIRCRAFT
  0207
  UF   VICKERS VALIANT AIRCRAFT
  GS   ATTACK AIRCRAFT
       .BOMBER AIRCRAFT
       .#VALIANT AIRCRAFT
       BAC AIRCRAFT
       #VALIANT AIRCRAFT
       JET AIRCRAFT
       #VALIANT AIRCRAFT
       MONOPLANES
       #VALIANT AIRCRAFT
  RT % AIRCRAFT
       RECONNAISSANCE AIRCRAFT
       TANKER AIRCRAFT

VALIDATION
  USE  PROVING

VALIDITY
  1902
  RT   ACCEPTABILITY
       ACCURACY
       ADEQUACY
       CONSISTENCY
       CORRELATION
       EXISTENCE
       MATHEMATICAL MODELS
       PRECISION
       QUALITY
       RELIABILITY
       SIMULATION
       STANDARDS
       STATISTICAL TESTS
       VARIABILITY

VALKYRIE AIRCRAFT
  USE  B-70 AIRCRAFT

VALLEYS
  1305 1306 3009
  UF   INTERMONTANE FLOORS
       RIFT VALLEYS
       RILLS
  GS  #VALLEYS
       .COACHELLA VALLEY (CA)
       .DEATH VALLEY (CA)
       .IMPERIAL VALLEY (CA)
       .MAGDALENA-CAUCA VALLEY (COLOMBIA)
       .PALO VERDE VALLEY (CA)
       .POTOMAC RIVER VALLEY (MD-VA-WV)
       .SACRAMENTO VALLEY (CA)
       .SAN JOAQUIN VALLEY (CA)
       .SHENANDOAH VALLEY (VA)
       .ST LAWRENCE VALLEY (NORTH AMERICA)
       .TENNESSEE VALLEY (AL-KY-TN)
  RT   CANYONS
       DELAWARE RIVER BASIN (US)
       EROSION
       MEANDERS
       MISSOURI RIVER (US)
       RAVINES
       RIVERS
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        STRUCTURAL BASINS
        SUSQUEHANNA RIVER BASIN (MD-NY-PA)
        TOPOGRAPHY
        WADIS
        WATERSHEDS

VALSALVA EXERCISE
  0401 0405 0408
  UF    VALSALVA MANEUVER
  RT    RESPIRATION

VALSALVA MANEUVER
  USE   VALSALVA EXERCISE

VALUE
  1902 3406 3408
  GS   #VALUE
        .Q VALUES
  RT    AMOUNT
        ASSESSMENTS
        COSTS
        DAMAGE ASSESSMENT
        ESTIMATES
        ESTIMATING
        EVALUATION
        FIGURE OF MERIT
        LEVEL (QUANTITY)
        NORMS
        RANKING
        TECHNOLOGY ASSESSMENT

VALUE ENGINEERING
  3404 3406
  RT    COST ANALYSIS
        COST ESTIMATES
        COST INCENTIVES
        COST REDUCTION
        DESIGN ANALYSIS
        ECONOMIC ANALYSIS
      % ENGINEERING
        INCENTIVE TECHNIQUES
        LIFE CYCLE COSTS
        MANAGEMENT PLANNING
        QUALITY CONTROL
        RELIABILITY ENGINEERING
        STANDARDS
        TOTAL QUALITY MANAGEMENT

VALVES
  0202 1501 1504 2806 0401 0404
  UF    HYDRAULIC VALVES
  GS   #VALVES
        .ARTIFICIAL HEART VALVES
        .AUTOMATIC CONTROL VALVES
        ..PRESSURE REGULATORS
        ..RELIEF VALVES
        .BUTTERFLY VALVES
        ..DAMPERS (VALVES)
        .COCKS
        .CONTROL VALVES
        .FUEL VALVES
        .GAS VALVES
        .HEART VALVES
        .SOLENOID VALVES
  RT    BALLS
        CHOKES (RESTRICTIONS)
        CLOSURES
        DIVERTERS
        ENGINE PARTS
        HYDRAULIC EQUIPMENT
        PACKINGS (SEALS)
        PNEUMATIC CIRCUITS
        PNEUMATIC EQUIPMENT
        SEALS (STOPPERS)
        TRAPS
        WATER HAMMER

VAMPIRE AIRCRAFT
  USE   DH 115 AIRCRAFT

VAMPIRE MK 35 AIRCRAFT
  0207
  GS    ATTACK AIRCRAFT
        .FIGHTER AIRCRAFT
        .#VAMPIRE MK 35 AIRCRAFT
        HAWKER SIDDELEY AIRCRAFT
        #VAMPIRE MK 35 AIRCRAFT
        JET AIRCRAFT
        #VAMPIRE MK 35 AIRCRAFT
        SINGLE ENGINE AIRCRAFT
        #VAMPIRE MK 35 AIRCRAFT
  RT %  AIRCRAFT
        BOMBER AIRCRAFT
        HARRIER AIRCRAFT

VAN ALLEN RADIATION BELTS
  USE   RADIATION BELTS

VAN BIESBROECK STAR
  3001
  GS    CELESTIAL BODIES
        .STARS
        ..LATE STARS
        ...COOL STARS
        ....M STARS
        ....#VAN BIESBROECK STAR

VAN DE GRAAFF ACCELERATORS
  0302 2304 2403
  GS    PARTICLE ACCELERATORS
        #VAN DE GRAAFF ACCELERATORS
  RT %  ACCELERATORS
        ELECTRON ACCELERATORS

VAN DER WAALS FORCES
  0603 1203 2404 3304 3501
  RT    DIPOLE MOMENTS
      % FORCE
        INTERATOMIC FORCES
        INTERMOLECULAR FORCES

VAN SLYKE METHOD
  0403 0601 1808
  GS    CHEMICAL TESTS
        .CHEMICAL ANALYSIS
        ..GAS ANALYSIS
        ..#VAN SLYKE METHOD
        ..QUANTITATIVE ANALYSIS
        ..#VAN SLYKE METHOD
  RT %  METHODOLOGY

VANADATES
  0603 1804
  GS    VANADIUM COMPOUNDS
        #VANADATES
        ..CALCIUM VANADATES
  RT    METAL OXIDES
        VANADIUM OXIDES

VANADIUM
  1703
  GS    CHEMICAL ELEMENTS
        #VANADIUM
        ..VANADIUM ISOTOPES
        METALS
        .TRANSITION METALS
        .#VANADIUM
        ...VANADIUM ISOTOPES
  RT    VANADIUM ALLOYS

VANADIUM ALLOYS
  1701 1704
  GS    ALLOYS
        #VANADIUM ALLOYS
  RT    ALUMINUM ALLOYS
        MICROSTRUCTURE
        TITANIUM ALLOYS
        VANADIUM

VANADIUM CARBIDES
  0603 1804
  GS    CARBON COMPOUNDS
        .CARBIDES
        .#VANADIUM CARBIDES
        VANADIUM COMPOUNDS
```

```
      #VANADIUM CARBIDES

VANADIUM COMPOUNDS
  0603
  GS  #VANADIUM COMPOUNDS
      .VANADATES
      ..CALCIUM VANADATES
      .VANADIUM CARBIDES
      .VANADIUM OXIDES
      .VANADYL COMPOUNDS
  RT % CHEMICAL COMPOUNDS
     % GROUP 5B COMPOUNDS
     % METAL COMPOUNDS

VANADIUM ISOTOPES
  2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#VANADIUM ISOTOPES
       .VANADIUM
       .#VANADIUM ISOTOPES
       METALS
       .TRANSITION METALS
       ..VANADIUM
       ..#VANADIUM ISOTOPES

VANADIUM OXIDES
  0603 1804
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ..#VANADIUM OXIDES
       VANADIUM COMPOUNDS
       #VANADIUM OXIDES
  RT   VANADATES

VANADYL COMPOUNDS
  0603 1804
  GS   VANADIUM COMPOUNDS
       #VANADYL COMPOUNDS
  RT % CHEMICAL COMPOUNDS
     % METAL COMPOUNDS

VANADYL RADICAL
  0603 1804
  GS   IONS
       .MOLECULAR IONS
       .#VANADYL RADICAL
       .POSITIVE IONS
       ..CATIONS
       ..#VANADYL RADICAL
       RADICALS
       #VANADYL RADICAL

VANELESS DIFFUSERS
  1202 1203 1504
  RT   COMPRESSORS
     % DIFFUSERS
       EXHAUST DIFFUSERS
       PUMPS
       SUPERSONIC DIFFUSERS

VANES
  0104 1202 1203 1501 1504 2806
  GS  #VANES
      .GUIDE VANES
      ..JET VANES
      .WIND VANES
  RT  AIRFOILS
    % BLADES
      COMPRESSOR BLADES
      CONTROL SURFACES
      FINS
      IMPELLERS
      NOSE FINS
      STATOR BLADES
      TAIL ASSEMBLIES
      TURBOMACHINE BLADES
      WINDPOWER UTILIZATION
      WINDPOWERED GENERATORS
      WINDPOWERED PUMPS

VANGUARD PROJECT
  1308 3107 3404
  GS   PROGRAMS
       .NASA PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#VANGUARD PROJECT
       .PROJECTS
       .#VANGUARD PROJECT
       .SPACE PROGRAMS
       ..NASA SPACE PROGRAMS
       ..#VANGUARD PROJECT
  RT   X-405 ENGINE

VANGUARD SATELLITES
  1308 3107 3409
  GS   ARTIFICIAL SATELLITES
       #VANGUARD SATELLITES
       ..VANGUARD 1 SATELLITE
       ..VANGUARD 2 SATELLITE
       ..VANGUARD 3 SATELLITE
  RT   GEODETIC SATELLITES
       GEOPHYSICAL SATELLITES
       INTERNATIONAL GEOPHYSICAL YEAR
       METEOROLOGICAL SATELLITES

VANGUARD 1 SATELLITE
  1308 3107
  GS   ARTIFICIAL SATELLITES
       .GEODETIC SATELLITES
       .#VANGUARD 1 SATELLITE
       .VANGUARD SATELLITES
       .#VANGUARD 1 SATELLITE

VANGUARD 2 LAUNCH VEHICLE
  3106 3409
  GS   LAUNCH VEHICLES
       #VANGUARD 2 LAUNCH VEHICLE
       ROCKET VEHICLES
       .MULTISTAGE ROCKET VEHICLES
       .#VANGUARD 2 LAUNCH VEHICLE
  RT   LIQUID PROPELLANT ROCKET ENGINES
       SOLID PROPELLANT ROCKET ENGINES
       VIKING ROCKET VEHICLE
       X-248 ENGINE

VANGUARD 2 SATELLITE
  1308 3107
  GS   ARTIFICIAL SATELLITES
       .METEOROLOGICAL SATELLITES
       .#VANGUARD 2 SATELLITE
       .VANGUARD SATELLITES
       .#VANGUARD 2 SATELLITE

VANGUARD 3 SATELLITE
  3107 3108
  GS   ARTIFICIAL SATELLITES
       .GEOPHYSICAL SATELLITES
       .#VANGUARD 3 SATELLITE
       .VANGUARD SATELLITES
       .#VANGUARD 3 SATELLITE

VANS
  USE  TRUCKS

VAPOR BARRIER CLOTHING
  0508
  GS   CLOTHING
       .PROTECTIVE CLOTHING
       .#VAPOR BARRIER CLOTHING
  RT % BARRIERS
       LIFE SUPPORT SYSTEMS
       TEXTILES

VAPOR DEPOSITION
  0602 1203
  UF   CHEMICAL VAPOR DEPOSITION
       CVD (DEPOSITION)
  GS   DEPOSITION
       #VAPOR DEPOSITION
       ..METALORGANIC CHEMICAL VAPOR
         DEPOSITION
       ..VACUUM DEPOSITION
```

RT COATING
COATINGS
CRYSTAL GROWTH
DIAMOND FILMS
ELECTROLESS DEPOSITION
LASER DEPOSITION
METAL VAPORS
METALLIZING
PULSED LASER DEPOSITION
ULTRAPURE METALS
VAPORIZERS
VAPORIZING

VAPOR GENERATORS
USE VAPORIZERS

VAPOR JETS
1202 1203
GS FLUID JETS
#VAPOR JETS
RT AIR JETS
GAS FLOW
JET FLOW
PLASMA JETS

VAPOR LIQUID EQUILIBRIUM
USE LIQUID-VAPOR EQUILIBRIUM

VAPOR PHASE EPITAXY
2601
GS GROWTH
.CRYSTAL GROWTH
..EPITAXY
..#VAPOR PHASE EPITAXY
RT CRYSTAL STRUCTURE
LIQUID PHASE EPITAXY
LIQUID PHASES

VAPOR PHASES
0602 1203
UF GAS PHASES
RT ASSOCIATION REACTIONS
CRITICAL PRESSURE
GAS-METAL INTERACTIONS
GAS-SOLID INTERFACES
GASES
HYDROGEN CLOUDS
LIQUID PHASES
LIQUID-GAS MIXTURES
LIQUID-VAPOR INTERFACES
LIQUIDS
METAL-GAS SYSTEMS
PHASE DIAGRAMS
% PHASES
PREVAPORIZATION
SOLIDS
SUPERCRITICAL PRESSURES
VAPORS
VOLATILITY

VAPOR PRESSURE
0603 1203 1408 2003
GS PRESSURE
#VAPOR PRESSURE
THERMODYNAMIC PROPERTIES
.THERMOPHYSICAL PROPERTIES
.#VAPOR PRESSURE
RT DALTON LAW
FLASH POINT
FUEL TANK PRESSURIZATION
HENRY LAW
HUMIDITY
INTERFACIAL TENSION
LIQUID-GAS MIXTURES
LIQUID-VAPOR INTERFACES
PARTIAL PRESSURE
RAOULT LAW
SUBLIMATION
SUPERCRITICAL PRESSURES
VOLATILITY

VAPOR TRAILS
USE CONTRAILS

VAPOR TRAPS
1203
GS TRAPS
#VAPOR TRAPS
RT COLD TRAPS
GETTERS
ION TRAPS (INSTRUMENTATION)

VAPORIZATION HEAT
USE HEAT OF VAPORIZATION

VAPORIZERS
0602 1203 1504 3303
UF VAPOR GENERATORS
GS HEATING EQUIPMENT
#VAPORIZERS
..EVAPORATORS
RT BOILERS
CAVITY VAPOR GENERATORS
COLLOIDAL GENERATORS
COLUMNS (PROCESS ENGINEERING)
CONDENSERS (LIQUEFIERS)
GAS GENERATORS
% GENERATORS
% HEATERS
SEPARATORS
SPRAYERS
VAPOR DEPOSITION
VAPORIZING
VAPORS

VAPORIZING
0602 1203 3303 3501
UF VOLATILIZATION
GS PHASE TRANSFORMATIONS
#VAPORIZING
..BOILING
...FILM BOILING
...NUCLEATE BOILING
....LEIDENFROST PHENOMENON
..EVAPORATION
...EVAPOTRANSPIRATION
...PROPELLANT EVAPORATION
...TRANSPIRATION
..FLASHING (VAPORIZING)
..PREVAPORIZATION
..SUBLIMATION
RT ABLATION
CONCENTRATING
DESALINIZATION
DISTILLATION
EVOLUTION (LIBERATION)
GASIFICATION
HEAT OF VAPORIZATION
HEATING
% SEPARATION
SPRAYING
STRIPPING (DISTILLATION)
SURFACE REACTIONS
VAPOR DEPOSITION
VAPORIZERS
VAPORS
VOLATILITY

VAPORS
0504 0603 1308 1704 1805 2003 2311
3304
GS #VAPORS
.CESIUM VAPOR
.METAL VAPORS
..MERCURY VAPOR
..SODIUM VAPOR
.WATER VAPOR
RT CAVITY VAPOR GENERATORS
COMBUSTION PRODUCTS
CONDENSATES
EXHAUST GASES
FUMES
GASES
HAZE DETECTION
HYDROGEN CLOUDS

```
      LIQUID-VAPOR EQUILIBRIUM
      PREVAPORIZATION
      SMOKE
      VAPOR PHASES
      VAPORIZERS
      VAPORIZING

VARACTOR DIODE CIRCUITS
  0902 0905 0906 2602
  GS  CIRCUITS
      #VARACTOR DIODE CIRCUITS
  RT  DIODES

VARACTOR DIODES
  0903 0905 0906 2602
  UF  VARACTORS
  GS  ELECTRONIC EQUIPMENT
      .DIODES
      ..SEMICONDUCTOR DIODES
      ..#VARACTOR DIODES
      .SOLID STATE DEVICES
      ..SEMICONDUCTOR DEVICES
      ..#VARACTOR DIODES
  RT  JUNCTION DIODES
      PARAMETRIC DIODES
      VARISTORS

VARACTORS
  USE  VARACTOR DIODES

VARIABILITY
  1505
  RT  CONSISTENCY
      CONTINUITY
      CONVERGENCE
      CORRELATION
      COVARIANCE
    % DISPERSION
      ECCENTRICITY
    % EQUILIBRIUM
      FACTOR ANALYSIS
      HETEROGENEITY
      LINEARITY
      NONLINEARITY
      PERIODIC VARIATIONS
      QUALITY
      QUALITY CONTROL
      RANGE (EXTREMES)
      REGRESSION ANALYSIS
      RELIABILITY
      SAMPLING
      STABILITY
      STANDARD DEVIATION
      STANDARDIZATION
      VALIDITY
    % VARIABLE
      VARIANCE (STATISTICS)

% VARIABLE
  1902 2311 3406
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  UF  FACTORS
  RT  COMPLEX VARIABLES
      DEPENDENT VARIABLES
      FORM FACTORS
      INDEPENDENT VARIABLES
      LATIN SQUARE METHOD
      RACE FACTORS
      RANDOM VARIABLES
      REAL VARIABLES
      SOCIAL FACTORS
      VARIABILITY

VARIABLE AMPLITUDE LOADING
  3203
  GS  LOADS (FORCES)
      .DYNAMIC LOADS
      .#VARIABLE AMPLITUDE LOADING
  RT  CYCLIC LOADS
      LOAD TESTS
    % LOADING
      LOADING RATE
      RANDOM LOADS
      STRESS CYCLES

VARIABLE AREA WINGS
  USE  TRAILING EDGE FLAPS

VARIABLE CYCLE ENGINES
  0301
  UF  VCE
  GS  AIRCRAFT ENGINES
      #VARIABLE CYCLE ENGINES
      ENGINES
      #VARIABLE CYCLE ENGINES
  RT  COAXIAL NOZZLES
      CONVERTIBLE FAN-SHAFT ENGINES
      SUPERSONIC AIRCRAFT
      VARIABLE STREAM CONTROL ENGINES

VARIABLE GEOMETRY STRUCTURES
  0506 1902 2308 3203
  RT  EXPANDABLE STRUCTURES
      FOLDING STRUCTURES
      INFLATABLE STRUCTURES
      MISSION ADAPTIVE WINGS
    % STRUCTURES

VARIABLE LIFT
  USE  LIFT

VARIABLE MASS SYSTEMS
  2308 2311
  GS  KINETICS
      #VARIABLE MASS SYSTEMS
  RT  EQUATIONS OF MOTION
    % MASS BALANCE
      MASS DISTRIBUTION
    % SYSTEMS

VARIABLE PITCH PROPELLERS
  0102 0104 0202
  UF  CONSTANT SPEED PROPELLERS
  GS  PROPELLERS
      #VARIABLE PITCH PROPELLERS
  RT  HELICOPTER PROPELLER DRIVE
      PITCH (INCLINATION)

VARIABLE STARS
  2306 3001 3006
  GS  CELESTIAL BODIES
      .STARS
      .#VARIABLE STARS
      ...CATACLYSMIC VARIABLES
      ...CEPHEID VARIABLES
      ...FLARE STARS
      ...IRREGULAR VARIABLE STARS
      ....R CORONAE BOREALIS STARS
      ...LAMBDA TAURI STARS
      ...MIRA VARIABLES
      ....OMICRON CETI STAR
      ...NOVAE
      ....DWARF NOVAE
      ....HERCULES NOVA
      ...SEMIREGULAR VARIABLE STARS
      ...SUPERNOVAE
      ....SUPERNOVA 1987A
      ...SYMBIOTIC STARS
      ...T TAURI STARS
  RT  BINARY STARS
      COMPANION STARS
      ECLIPSING BINARY STARS
      PERIODIC VARIATIONS
      SOLAR OSCILLATIONS
      STELLAR MASS
      STELLAR MASS EJECTION
      STELLAR OSCILLATIONS

VARIABLE STREAM CONTROL ENGINES
  1504
  GS  AIRCRAFT ENGINES
      #VARIABLE STREAM CONTROL ENGINES
      ENGINES
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```
      #VARIABLE STREAM CONTROL ENGINES
  RT % CONTROL
       ENGINE CONTROL
       SUPERSONIC AIRCRAFT
       SUPERSONIC NOZZLES
       VARIABLE CYCLE ENGINES

VARIABLE SWEEP WINGS
  0101 0102 0104
  UF   M WINGS
       OGEE WINGS
       W WINGS
  GS   AIRFOILS
       .WINGS
       .#VARIABLE SWEEP WINGS
       PLANFORMS
       .WING PLANFORMS
       .#VARIABLE SWEEP WINGS
  RT   ARROW WINGS
       BOEING 733 AIRCRAFT
       DELTA WINGS
       F-111 AIRCRAFT
       FOLDING STRUCTURES
       MISSION ADAPTIVE WINGS
       OGEE SHAPE
       PANAVIA MILITARY AIRCRAFT
       SWEPT FORWARD WINGS
       SWEPTBACK WINGS

VARIABLE THRUST
  0101 2805 2808
  GS   THRUST
       #VARIABLE THRUST
  RT   CONTROL ROCKETS
       HIGH THRUST
       JET CONTROL
       JET THRUST
       LOW THRUST
       LOW THRUST PROPULSION
       MICROTHRUST
       ROCKET THRUST
       THROTTLING
       THRUST AUGMENTATION
       THRUST CONTROL
       THRUST TERMINATION
       THRUST VECTOR CONTROL

% VARIANCE
  1902 1905
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   ANALYSIS OF VARIANCE
       DEGREES OF FREEDOM
       MULTIVARIATE STATISTICAL ANALYSIS
       VARIANCE (STATISTICS)

VARIANCE (STATISTICS)
  1902
  GS   STATISTICAL ANALYSIS
       #VARIANCE (STATISTICS)
       ..ANALYSIS OF VARIANCE
       ..MULTIVARIATE STATISTICAL ANALYSIS
       ...BIVARIATE ANALYSIS
       ...COVARIANCE
       ...REGRESSION ANALYSIS
  RT   CONFIDENCE LIMITS
       CORRELATION
       DISTRIBUTION MOMENTS
       EXPERIMENT DESIGN
       FACTOR ANALYSIS
       GAUSS-MARKOV THEOREM
       GOODNESS OF FIT
       HETEROGENEITY
       HOMOGENEITY
       KRIGING
       MEAN
       MOMENTS
       QUALITY CONTROL
       RANGE (EXTREMES)
       STANDARD DEVIATION
       VARIABILITY
     % VARIANCE

VARIATION METHOD
  USE  CALCULUS OF VARIATIONS

VARIATIONAL PRINCIPLES
  0603 1202 1902 2308 2311
  RT   CALCULUS OF VARIATIONS
     % DYNAMICS
       EQUILIBRIUM METHODS
       IRREVERSIBLE PROCESSES
       ONSAGER PHENOMENOLOGICAL
       COEFFICIENT
       RAYLEIGH-RITZ METHOD

VARIATIONS
  1902
  UF   FLUCTUATION
  GS  #VARIATIONS
       .MAGNETIC VARIATIONS
       ..GEOMAGNETIC PULSATIONS
       ...GEOMAGNETIC MICROPULSATIONS
       ..NOCTURNAL VARIATIONS
       .PERIODIC VARIATIONS
       ..ALTERNATIONS
       ..ANNUAL VARIATIONS
       ..DIURNAL VARIATIONS
       ..NOCTURNAL VARIATIONS
       ..SECULAR VARIATIONS
       .TWENTY-SEVEN DAY VARIATION
       .WIND VARIATIONS
  RT   ALTERNATIVES
       ASYMMETRY
       DEFLECTION
       DEVIATION
       DIFFERENCES
       DISPLACEMENT
       DISTORTION
       DIVERGENCE
       ECCENTRICITY
       GRADIENTS
       MICROPULSATIONS
       PERTURBATION
       REVISIONS
       SUBSTITUTES
       SURGES

VARIOMETERS
  1307 1308 1406 2307
  UF   MAGNETOVARIOGRAPHS
  GS   MEASURING INSTRUMENTS
       .MAGNETOMETERS
       .#VARIOMETERS
  RT   GEOMAGNETISM

VARISTORS
  0903 0905 0906
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SEMICONDUCTOR DEVICES
       ..#VARISTORS
  RT   RESISTORS
       THERMISTORS
       VARACTOR DIODES

VARNISHES
  1808
  RT   FILLERS
       FINISHES
       PAINTS
       PRIMERS (COATINGS)
       PROTECTIVE COATINGS
       SEALERS
       SPRAYED COATINGS

VASCULAR SYSTEM
  USE  CARDIOVASCULAR SYSTEM

VASOCONSTRICTION
  0404 0408
  RT   BLOOD VESSELS
       BODY TEMPERATURE
       COLD TOLERANCE
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      ISCHEMIA
      REFLEXES
      SNEEZING

VASOCONSTRICTOR DRUGS
  0404 0408
  UF  PRESSORS
  GS  DRUGS
      #VASOCONSTRICTOR DRUGS
      ..HYPERTENSIN
      ..SEROTONIN
  RT  PHARMACOLOGY

VASODILATION
  0404 0408
  RT  BLOOD VESSELS
      BODY TEMPERATURE
      CONGESTION
      REFLEXES

VASOMOTOR NERVOUS SYSTEM
  USE NERVOUS SYSTEM

VATICAN CITY
  1305
  GS  CITIES
      #VATICAN CITY
      NATIONS
      #VATICAN CITY
  RT  EUROPE
      ITALY

VATOL AIRCRAFT
  0202
  SN  (VERTICAL ATTITUDE TAKEOFF AND
      LANDING AIRCRAFT)
  UF  VERTICAL ATTITUDE TAKEOFF-LANDING
      AIRCRAFT
      XBQM-180A AIRCRAFT
  RT % AIRCRAFT
      DELTA WINGS
      REMOTELY PILOTED VEHICLES
      VERTICAL LANDING
      VERTICAL TAKEOFF AIRCRAFT

VAX COMPUTERS
  0801
  GS  DATA PROCESSING EQUIPMENT
      .COMPUTERS
      ..DIGITAL COMPUTERS
      ..#VAX COMPUTERS
      ....VAX-11 SERIES COMPUTERS
      .....VAX-11/780 COMPUTER

VAX-11 SERIES COMPUTERS
  0801
  GS  DATA PROCESSING EQUIPMENT
      .COMPUTERS
      ..DIGITAL COMPUTERS
      ...VAX COMPUTERS
      ...#VAX-11 SERIES COMPUTERS
      .....VAX-11/780 COMPUTER

VAX-11/780 COMPUTER
  0801
  GS  DATA PROCESSING EQUIPMENT
      .COMPUTERS
      ..DIGITAL COMPUTERS
      ...VAX COMPUTERS
      ....VAX-11 SERIES COMPUTERS
      ....#VAX-11/780 COMPUTER

VC-10 AIRCRAFT
  0207
  UF  VICKERS VC-10 AIRCRAFT
      VICKERS 1100 AIRCRAFT
  GS  BAC AIRCRAFT
      #VC-10 AIRCRAFT
      COMMERCIAL AIRCRAFT
      #VC-10 AIRCRAFT
      JET AIRCRAFT
      #VC-10 AIRCRAFT
      MONOPLANES
      #VC-10 AIRCRAFT
      PASSENGER AIRCRAFT
      #VC-10 AIRCRAFT
      TRANSPORT AIRCRAFT
      #VC-10 AIRCRAFT
  RT % AIRCRAFT
      CARGO AIRCRAFT

VCE
  USE VARIABLE CYCLE ENGINES

VCO
  USE VOLTAGE CONTROLLED OSCILLATORS

VECTOR ANALYSIS
  1902 2308 2311
  GS  ANALYSIS (MATHEMATICS)
      .CALCULUS
      .#VECTOR ANALYSIS
      ...COLLINEARITY
      ...COPLANARITY
      ...CURL (VECTORS)
      ....VORTICITY
      .REAL VARIABLES
      .#VECTOR ANALYSIS
      ...COLLINEARITY
      ...COPLANARITY
      ...CURL (VECTORS)
      ....VORTICITY
      GEOMETRY
      #VECTOR ANALYSIS
      ..COLLINEARITY
      ..COPLANARITY
      ..CURL (VECTORS)
      ...VORTICITY
  RT  DIFFERENTIAL EQUATIONS
      EULER-CAUCHY EQUATIONS
      FLUX VECTOR SPLITTING
      GRADIENTS
      POYNTING THEOREM
      RESULTANTS
      STABILITY DERIVATIVES

VECTOR CALCULUS
  USE VECTOR SPACES

VECTOR CONTROL
  USE DIRECTIONAL CONTROL

VECTOR CURRENTS
  1001 2304 2402 2403
  RT  CURRENT ALGEBRA
      PARITY
      RADIOACTIVE DECAY
      SUPERCONDUCTIVITY

VECTOR DOMINANCE MODEL
  1407 2403 2405
  GS  MODELS
      #VECTOR DOMINANCE MODEL
  RT  HADRONS
      HIGH ENERGY INTERACTIONS
      NUCLEONS
      PHOTONEUTRONS
      PHOTOPRODUCTION

VECTOR MESONS
  2403 2405
  GS  PARTICLES
      .ELEMENTARY PARTICLES
      ..BOSONS
      ...MESONS
      ...#VECTOR MESONS
      .....RHO-MESONS
      .....SIGMA-MESONS
      ..HADRONS
      ...MESONS
      ...#VECTOR MESONS
      .....RHO-MESONS
      .....SIGMA-MESONS
      .NUCLEAR PARTICLES
      ..BOSONS
```

...MESONS
...#VECTOR MESONS
.....RHO-MESONS
.....SIGMA-MESONS

VECTOR PROCESSING (COMPUTERS)
0803
GS DATA PROCESSING
#VECTOR PROCESSING (COMPUTERS)
RT MULTIPROCESSING (COMPUTERS)
PARALLEL PROCESSING (COMPUTERS)
PIPELINING (COMPUTERS)

VECTOR QUANTIZATION
1902 2311
RT CODING
DATA COMPRESSION
DIGITAL TECHNIQUES
IMAGE PROCESSING
VECTORS (MATHEMATICS)
VOICE DATA PROCESSING

VECTOR SPACES
1902 2308 2311
UF GRASSMANN ALGEBRA
VECTOR CALCULUS
GS ALGEBRA
#VECTOR SPACES
..BANACH SPACE
...HILBERT SPACE
....SOBOLEV SPACE
..MATRICES (MATHEMATICS)
...ADJOINTS
...CANONICAL FORMS
...EIGENVALUES
...EIGENVECTORS
...HESSIAN MATRICES
...JORDAN FORM
...STIFFNESS MATRIX
..STOKES THEOREM (VECTOR CALCULUS)
..U SPIN SPACE
..VECTORS (MATHEMATICS)
...EIGENVECTORS
...STATE VECTORS
...VORTICITY
RT ANALYSIS (MATHEMATICS)
CHAPLYGIN EQUATION
HERMITIAN POLYNOMIAL
HODOGRAPHS
KAKUTANI THEOREM
LINEAR TRANSFORMATIONS

VECTORCARDIOGRAPHY
0401 0405 0501
GS BIOENGINEERING
.BIOMETRICS
..CARDIOGRAPHY
..#VECTORCARDIOGRAPHY
RT ELECTROCARDIOGRAPHY
PHONOCARDIOGRAPHY

VECTORS (MATHEMATICS)
1902 2311
GS ALGEBRA
.VECTOR SPACES
.#VECTORS (MATHEMATICS)
...EIGENVECTORS
...STATE VECTORS
...VORTICITY
RT DYADICS
FLUX VECTOR SPLITTING
FUNCTION SPACE
SCHWARTZ INEQUALITY
VECTOR QUANTIZATION

VEGA LAUNCH VEHICLE
3106 3409
UF VEGA ROCKET VEHICLE
GS LAUNCH VEHICLES
#VEGA LAUNCH VEHICLE
ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
.#VEGA LAUNCH VEHICLE
RT ATLAS D ICBM
LIQUID PROPELLANT ROCKET ENGINES

VEGA PROJECT
3108 3009
RT FLYBY MISSIONS
HALLEY'S COMET
INTERNATIONAL COOPERATION
U.S.S.R. SPACE PROGRAM
VENERA SATELLITES
VENUS (PLANET)

VEGA ROCKET VEHICLE
USE VEGA LAUNCH VEHICLE

VEGARD-KAPLAN BANDS
0601 1411 2306
GS SPECTRA
.SPECTRAL BANDS
.#VEGARD-KAPLAN BANDS
RT % BANDS
EMISSION SPECTRA
MOLECULAR SPECTRA
NITROGEN

VEGETABLES
0409 0505
GS #VEGETABLES
.POTATOES
.SPINACH
RT ANGIOSPERMS
% FOOD
LEGUMINOUS PLANTS
PLANTING
SEEDS

VEGETATION
0404 0409
GS #VEGETATION
.CANOPIES (VEGETATION)
RT BIOCONVERSION
BIOMASS ENERGY PRODUCTION
EARTH RESOURCES
LOCUSTS
OASES
PLANTS (BOTANY)
RAIN FORESTS
RESOURCES
SEA GRASSES
TREES (PLANTS)

VEGETATION GROWTH
0409 0411 0412 0505
GS GROWTH
#VEGETATION GROWTH
..CROP GROWTH
RT AGRICULTURE
BIOCHEMISTRY
BOTANY
CROP VIGOR
ECOLOGY
FERTILIZERS
GRAVITROPISM
HYDROPONICS
IRRIGATION
PLANT ROOTS
PLANT STRESS
SOIL MOISTURE
SOIL SCIENCE
SOILS
VEGETATIVE INDEX

VEGETATIVE INDEX
1303
RT AGRISTARS PROJECT
ATMOSPHERIC ATTENUATION
ATMOSPHERIC EFFECTS
ATMOSPHERIC OPTICS
ATMOSPHERIC SCATTERING
CANOPIES (VEGETATION)
COLOR
CORRECTION

CROP IDENTIFICATION
CROP INVENTORIES
IMAGE ENHANCEMENT
IMAGING TECHNIQUES
LEAF AREA INDEX
MULTISPECTRAL BAND SCANNERS
RADIOMETRIC CORRECTION
REFLECTANCE
REMOTE SENSING
SATELLITE IMAGERY
SATELLITE OBSERVATION
SPECTRAL REFLECTANCE
VEGETATION GROWTH

VEHICLE WHEELS
0202 1504
GS WHEELS
#VEHICLE WHEELS
..NOSE WHEELS
RT AIRCRAFT TIRES
BRAKES (FOR ARRESTING MOTION)
LANDING GEAR
MECHANICAL DRIVES
ROLLERS
SHAFTS (MACHINE ELEMENTS)
SUSPENSION SYSTEMS (VEHICLES)
TIRES
TOROIDAL WHEELS
TRANSMISSIONS (MACHINE ELEMENTS)
WHEEL BRAKES

% VEHICLES
0201 1106 2102 2103 3103 3105 3110
1504
SN (USE OF A MORE SPECIFIC TERM IS
RECOMMENDED--CONSULT THE TERMS
LISTED BELOW)
UF CRAFT
ROTATING VEHICLES
RT AMPHIBIOUS VEHICLES
ARCAS ROCKET VEHICLES
ARCON ROCKET VEHICLE
ARGO ROCKET VEHICLES
ASTROBEE ROCKET VEHICLES
ATLAS AGENA LAUNCH VEHICLES
ATLAS LAUNCH VEHICLES
AUTOMATED GUIDEWAY TRANSIT VEHICLES
AUTOMATED MIXED TRAFFIC VEHICLES
AUTOMATED TRANSIT VEHICLES
AUTOMOBILES
% BALLISTIC VEHICLES
BOOSTGLIDE VEHICLES
CAPTURED AIR BUBBLE VEHICLES
CONTROL CONFIGURED VEHICLES
CRAWLER TRACTORS
DRONE VEHICLES
ELECTRIC HYBRID VEHICLES
ELECTRIC MOTOR VEHICLES
ENGINES
EUROPA LAUNCH VEHICLES
FLIGHT TEST VEHICLES
% FLIGHT VEHICLES
GROUND EFFECT MACHINES
HEAVY LIFT LAUNCH VEHICLES
HOTOL LAUNCH VEHICLE
HOVERING ROCKET VEHICLES
HYDROPLANES (VEHICLES)
HYPERSONIC VEHICLES
INTRAORBIT TRANSFER VEHICLES
JUNO LAUNCH VEHICLES
KAPPA ROCKET VEHICLES
LAMBDA ROCKET VEHICLES
LAUNCH VEHICLES
LOW OBSERVABLE REENTRY VEHICLES
LUNAR FLYING VEHICLES
LUNAR ROVING VEHICLES
LUNAR SURFACE VEHICLES
LUNOKHOD LUNAR ROVING VEHICLES
MAGNETIC LEVITATION VEHICLES
MANNED LUNAR SURFACE VEHICLES
% MILITARY VEHICLES
MISSILES
MOTOR VEHICLES
MULTIENGINE VEHICLES
MULTISTAGE ROCKET VEHICLES
NIKE ROCKET VEHICLES
NIKE-HYDAC ROCKET VEHICLE
NIKE-IROQUOIS ROCKET VEHICLE
NOVA LAUNCH VEHICLES
NUCLEAR ENGINE FOR ROCKET VEHICLES
ORBIT TRANSFER VEHICLES
RANGER LUNAR LANDING VEHICLES
RECOVERABLE LAUNCH VEHICLES
RECOVERY VEHICLES
REENTRY VEHICLES
REMOTELY PILOTED VEHICLES
RESEARCH VEHICLES
REUSABLE LAUNCH VEHICLES
ROCKET VEHICLES
ROVING VEHICLES
SATURN LAUNCH VEHICLES
SINGLE STAGE ROCKET VEHICLES
SINGLE STAGE TO ORBIT VEHICLES
SKUA ROCKET VEHICLES
% SPACECRAFT
STANDARD LAUNCH VEHICLES
SURFACE EFFECT SHIPS
SURFACE VEHICLES
SWATH (SHIP)
TANKS (COMBAT VEHICLES)
TERMINAL CONFIGURED VEHICLE PROGRAM
TEST VEHICLES
THOR LAUNCH VEHICLES
THORAD LAUNCH VEHICLES
TITAN LAUNCH VEHICLES
TITAN 4 LAUNCH VEHICLE
TRACKED VEHICLES
TRACTORS
% TRANSPORT VEHICLES
TRANSPORTER
UNDERWATER VEHICLES
UNIDENTIFIED FLYING OBJECTS
VERONIQUE ROCKET VEHICLES
WATER VEHICLES
% WINGED VEHICLES

VEHICULAR TRACKS
0202
RT IDLERS
SURFACE VEHICLES
SUSPENSION SYSTEMS (VEHICLES)
TRACKED VEHICLES
% TRACKS
TREADS

VEINS
0404 0405
GS ANATOMY
.CIRCULATORY SYSTEM
..CARDIOVASCULAR SYSTEM
...BLOOD VESSELS
...#VEINS
RT ARTERIES
BIFURCATION (BIOLOGY)
TRANSFUSION

VELA SATELLITES
3107
GS ARTIFICIAL SATELLITES
#VELA SATELLITES
MILITARY SPACECRAFT
#VELA SATELLITES
RT FISHBOWL OPERATION
HIGH ALTITUDE NUCLEAR DETECTION
HIGH ALTITUDE TESTS
NUCLEAR EXPLOSIONS
NUCLEAR RADIATION
POST-BLAST NUCLEAR RADIATION
RADIATION DETECTORS
RADIATION MEASURING INSTRUMENTS
SATELLITE OBSERVATION

VELARDENITE
USE GEHLENITE

```
VELOCITY
  0101 0201 1202 2311 3009 3408
  UF   SPEED
  GS  #VELOCITY
       .ACOUSTIC VELOCITY
       .AIRSPEED
       .ANGULAR VELOCITY
       .CRITICAL VELOCITY
       .ESCAPE VELOCITY
       .EXHAUST VELOCITY
       .FLOW VELOCITY
       ..SOLAR WIND VELOCITY
       .GROUND SPEED
       .GROUP VELOCITY
       .HIGH SPEED
       .HYPERSONIC SPEED
       .LANDING SPEED
       .LIGHT SPEED
       .LOW SPEED
       .ORBITAL VELOCITY
       .PHASE VELOCITY
       .PROPAGATION VELOCITY
       .RADIAL VELOCITY
       .RELATIVISTIC VELOCITY
       .ROTOR SPEED
       .SOLAR VELOCITY
       .SUBSONIC SPEED
       .SUPERSONIC SPEED
       .TERMINAL VELOCITY
       .TIP SPEED
       .TRANSONIC SPEED
       .WIND VELOCITY
       ..SOLAR WIND VELOCITY
  RT   ACCELERATION (PHYSICS)
       BODY KINEMATICS
       DE BROGLIE WAVELENGTHS
     % DYNAMICS
       FERMAT PRINCIPLE
       KINEMATICS
       KINETICS
       LOADING RATE
     % MOTION
       PERCEPTUAL TIME CONSTANT
       PRESSURE MEASUREMENT
       RELATIVISTIC EFFECTS
       SOLITARY WAVES
       TIME MEASUREMENT

VELOCITY COUPLING
  1902
  RT   BURNING RATE
       COMBUSTION STABILITY
       COUPLING
       PROPELLANT COMBUSTION

VELOCITY DISTRIBUTION
  0101 1202 1203 2308 3009
  UF   VELOCITY FIELDS
       VELOCITY PROFILES
  GS   DISTRIBUTION (PROPERTY)
       #VELOCITY DISTRIBUTION
  RT   CIRCULATION DISTRIBUTION
       FLOW DISTRIBUTION
       FLOW VELOCITY
       GALACTIC ROTATION
       ORR-SOMMERFELD EQUATIONS
       POHLHAUSEN METHOD
       PRESSURE DISTRIBUTION
       SHOCK WAVE PROFILES
       THREE DIMENSIONAL BOUNDARY LAYER

VELOCITY ERRORS
  0101 1406 1410 2308 3501
  GS   ERRORS
       #VELOCITY ERRORS
  RT   ESCAPE VELOCITY
       ORBITAL VELOCITY
       POSITION ERRORS

VELOCITY FIELDS
  USE  VELOCITY DISTRIBUTION

VELOCITY MEASUREMENT
  0101 1402 1406 1410 2308 3501
  UF   ANEMOMETRY
  GS   MECHANICAL MEASUREMENT
       #VELOCITY MEASUREMENT
       ..PARTICLE IMAGE VELOCIMETRY
       ..WIND VELOCITY MEASUREMENT
  RT   ACCELEROMETERS
       ANEMOMETERS
       DRAG FORCE ANEMOMETERS
       FLOW MEASUREMENT
       FLOW VELOCITY
       FLOWMETERS
       HOT-FILM ANEMOMETERS
       HOT-WIRE ANEMOMETERS
       HUBBLE CONSTANT
       HUBBLE DIAGRAM
       LASER ANEMOMETERS
       LASER DOPPLER VELOCIMETERS
     % MEASUREMENT
       PITOT TUBES
       PRESSURE MEASUREMENT
       RADIAL VELOCITY
       SOLAR WIND VELOCITY
       SONIC ANEMOMETERS
       SPEED INDICATORS
       STROBOSCOPES
       TACHOMETERS
       TIME MEASUREMENT
       VENTURI TUBES
       VORTEX PRECESSION

VELOCITY MODULATION
  1002 1003 2403
  GS   MODULATION
       #VELOCITY MODULATION
  RT   BUNCHING
       CAVITY RESONATORS
       ELECTRON BUNCHING
       ELECTRON TUBES

VELOCITY PROFILES
  USE  VELOCITY DISTRIBUTION

VENEERS
  1305 1504
  RT   COATINGS
       FINISHES
       LAMINATES
       MASONRY

VENERA SATELLITES
  3107 3108 3009
  GS   ARTIFICIAL SATELLITES
       .SOVIET SATELLITES
       .#VENERA SATELLITES
       ...VENERA 2 SATELLITE
       ...VENERA 3 SATELLITE
       ...VENERA 4 SATELLITE
       ...VENERA 5 SATELLITE
       ...VENERA 6 SATELLITE
       ...VENERA 7 SATELLITE
       ...VENERA 8 SATELLITE
       ...VENERA 9 SATELLITE
       ...VENERA 10 SATELLITE
       ...VENERA 11 SATELLITE
       ...VENERA 12 SATELLITE
       INTERPLANETARY SPACECRAFT
       .VENUS PROBES
       .#VENERA SATELLITES
       ...VENERA 2 SATELLITE
       ...VENERA 3 SATELLITE
       ...VENERA 4 SATELLITE
       ...VENERA 5 SATELLITE
       ...VENERA 6 SATELLITE
       ...VENERA 7 SATELLITE
       ...VENERA 8 SATELLITE
       ...VENERA 9 SATELLITE
       ...VENERA 10 SATELLITE
       ...VENERA 11 SATELLITE
       ...VENERA 12 SATELLITE
       SOVIET SPACECRAFT
       #VENERA SATELLITES
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      ..VENERA 2 SATELLITE
      ..VENERA 3 SATELLITE
      ..VENERA 4 SATELLITE
      ..VENERA 5 SATELLITE
      ..VENERA 6 SATELLITE
      ..VENERA 7 SATELLITE
      ..VENERA 8 SATELLITE
      ..VENERA 9 SATELLITE
      ..VENERA 10 SATELLITE
      ..VENERA 11 SATELLITE
      ..VENERA 12 SATELLITE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..VENUS PROBES
      ..#VENERA SATELLITES
      ....VENERA 2 SATELLITE
      ....VENERA 3 SATELLITE
      ....VENERA 4 SATELLITE
      ....VENERA 5 SATELLITE
      ....VENERA 6 SATELLITE
      ....VENERA 7 SATELLITE
      ....VENERA 8 SATELLITE
      ....VENERA 9 SATELLITE
      ....VENERA 10 SATELLITE
      ....VENERA 11 SATELLITE
      ....VENERA 12 SATELLITE
  RT  U.S.S.R. SPACE PROGRAM
      VEGA PROJECT

VENERA 2 SATELLITE
  3107 3009
  GS  ARTIFICIAL SATELLITES
      .SOVIET SATELLITES
      ..VENERA SATELLITES
      ..#VENERA 2 SATELLITE
      INTERPLANETARY SPACECRAFT
      .VENUS PROBES
      ..VENERA SATELLITES
      ..#VENERA 2 SATELLITE
      SOVIET SPACECRAFT
      .VENERA SATELLITES
      .#VENERA 2 SATELLITE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..VENUS PROBES
      ...VENERA SATELLITES
      ...#VENERA 2 SATELLITE

VENERA 3 SATELLITE
  3107 3009
  GS  ARTIFICIAL SATELLITES
      .SOVIET SATELLITES
      ..VENERA SATELLITES
      ..#VENERA 3 SATELLITE
      INTERPLANETARY SPACECRAFT
      .VENUS PROBES
      ..VENERA SATELLITES
      ..#VENERA 3 SATELLITE
      SOVIET SPACECRAFT
      .VENERA SATELLITES
      .#VENERA 3 SATELLITE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..VENUS PROBES
      ...VENERA SATELLITES
      ...#VENERA 3 SATELLITE

VENERA 4 SATELLITE
  3107 3009
  GS  ARTIFICIAL SATELLITES
      .SOVIET SATELLITES
      ..VENERA SATELLITES
      ..#VENERA 4 SATELLITE
      INTERPLANETARY SPACECRAFT
      .VENUS PROBES
      ..VENERA SATELLITES
      ..#VENERA 4 SATELLITE
      SOVIET SPACECRAFT
      .VENERA SATELLITES
      .#VENERA 4 SATELLITE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..VENUS PROBES
      ...VENERA SATELLITES
      ...#VENERA 4 SATELLITE

VENERA 5 SATELLITE
  3107 3108 3009
  GS  ARTIFICIAL SATELLITES
      .SOVIET SATELLITES
      ..VENERA SATELLITES
      ..#VENERA 5 SATELLITE
      INTERPLANETARY SPACECRAFT
      .VENUS PROBES
      ..VENERA SATELLITES
      ..#VENERA 5 SATELLITE
      SOVIET SPACECRAFT
      .VENERA SATELLITES
      .#VENERA 5 SATELLITE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..VENUS PROBES
      ...VENERA SATELLITES
      ...#VENERA 5 SATELLITE

VENERA 6 SATELLITE
  3107 3108 3009
  GS  ARTIFICIAL SATELLITES
      .SOVIET SATELLITES
      ..VENERA SATELLITES
      ..#VENERA 6 SATELLITE
      INTERPLANETARY SPACECRAFT
      .VENUS PROBES
      ..VENERA SATELLITES
      ..#VENERA 6 SATELLITE
      SOVIET SPACECRAFT
      .VENERA SATELLITES
      .#VENERA 6 SATELLITE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..VENUS PROBES
      ...VENERA SATELLITES
      ...#VENERA 6 SATELLITE

VENERA 7 SATELLITE
  3107 3108 3009
  GS  ARTIFICIAL SATELLITES
      .SOVIET SATELLITES
      ..VENERA SATELLITES
      ..#VENERA 7 SATELLITE
      INTERPLANETARY SPACECRAFT
      .VENUS PROBES
      ..VENERA SATELLITES
      ..#VENERA 7 SATELLITE
      SOVIET SPACECRAFT
      .VENERA SATELLITES
      .#VENERA 7 SATELLITE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..VENUS PROBES
      ...VENERA SATELLITES
      ...#VENERA 7 SATELLITE

VENERA 8 SATELLITE
  3007 3107 3108 3409 3009
  GS  ARTIFICIAL SATELLITES
      .SOVIET SATELLITES
      ..VENERA SATELLITES
      ..#VENERA 8 SATELLITE
      INTERPLANETARY SPACECRAFT
      .VENUS PROBES
      ..VENERA SATELLITES
      ..#VENERA 8 SATELLITE
      SOVIET SPACECRAFT
      .VENERA SATELLITES
      .#VENERA 8 SATELLITE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..VENUS PROBES
      ...VENERA SATELLITES
      ...#VENERA 8 SATELLITE
  RT  U.S.S.R. SPACE PROGRAM
      VENUS (PLANET)

VENERA 9 SATELLITE
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  3009
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..VENERA SATELLITES
        ..#VENERA 9 SATELLITE
        INTERPLANETARY SPACECRAFT
        .VENUS PROBES
        ..VENERA SATELLITES
        ..#VENERA 9 SATELLITE
        SOVIET SPACECRAFT
        .VENERA SATELLITES
        .#VENERA 9 SATELLITE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..VENUS PROBES
        ...VENERA SATELLITES
        ...#VENERA 9 SATELLITE

VENERA 10 SATELLITE
  3105 3007
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..VENERA SATELLITES
        ..#VENERA 10 SATELLITE
        INTERPLANETARY SPACECRAFT
        .VENUS PROBES
        ..VENERA SATELLITES
        ..#VENERA 10 SATELLITE
        SOVIET SPACECRAFT
        .VENERA SATELLITES
        .#VENERA 10 SATELLITE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..VENUS PROBES
        ...VENERA SATELLITES
        ...#VENERA 10 SATELLITE
  RT    U.S.S.R. SPACE PROGRAM
        VENUS (PLANET)

VENERA 11 SATELLITE
  3107 3007
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..VENERA SATELLITES
        ..#VENERA 11 SATELLITE
        INTERPLANETARY SPACECRAFT
        .VENUS PROBES
        ..VENERA SATELLITES
        ..#VENERA 11 SATELLITE
        SOVIET SPACECRAFT
        .VENERA SATELLITES
        .#VENERA 11 SATELLITE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..VENUS PROBES
        ...VENERA SATELLITES
        ...#VENERA 11 SATELLITE
  RT    U.S.S.R. SPACE PROGRAM
        VENUS (PLANET)
        VENUS ATMOSPHERE
        VENUS SURFACE

VENERA 12 SATELLITE
  3107 3007
  GS    ARTIFICIAL SATELLITES
        .SOVIET SATELLITES
        ..VENERA SATELLITES
        ..#VENERA 12 SATELLITE
        INTERPLANETARY SPACECRAFT
        .VENUS PROBES
        ..VENERA SATELLITES
        ..#VENERA 12 SATELLITE
        SOVIET SPACECRAFT
        .VENERA SATELLITES
        .#VENERA 12 SATELLITE
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..VENUS PROBES
        ...VENERA SATELLITES
        ...#VENERA 12 SATELLITE
  RT    U.S.S.R. SPACE PROGRAM
        VENUS (PLANET)
        VENUS ATMOSPHERE
        VENUS SURFACE

VENEZIANO MODEL
  1902
  GS    MODELS
        .MATHEMATICAL MODELS
        .#VENEZIANO MODEL
  RT    ELEMENTARY PARTICLE INTERACTIONS

VENEZUELA
  1305
  GS    NATIONS
        #VENEZUELA
  RT    SOUTH AMERICA

VENN DIAGRAMS
  1902
  GS    DIAGRAMS
        #VENN DIAGRAMS
  RT    ANALYSIS (MATHEMATICS)
        GEOMETRY
        MATHEMATICAL LOGIC

VENOM AIRCRAFT
  USE   DH 112 AIRCRAFT

VENTILATION
  0504 0507 0508
  RT    AIR CONDITIONING
        AIR COOLING
        AIR FILTERS
        AIR FLOW
        AIR INTAKES
        AIR PURIFICATION
        BLOWERS
        COMFORT
        COOLING
        COOLING SYSTEMS
        DRAFT (GAS FLOW)
        DUCTS
        ENVIRONMENTAL ENGINEERING
        EXHAUST SYSTEMS
        EXHAUSTING
        LIFE SUPPORT SYSTEMS
        REFRIGERATING
        TEMPERATURE
        TEMPERATURE CONTROL
        TEMPERATURE DISTRIBUTION
        VENTILATORS
        VENTING
        VENTS

VENTILATION FANS
  0504 1504
  RT    BLOWERS
        COOLING
        COOLING SYSTEMS
        DUCTED FANS
        FAN BLADES
      % FANS
        VENTILATORS

VENTILATORS
  0504 0507 0508
  RT    AIR DUCTS
        AIR INTAKES
        BLOWERS
      % DIFFUSERS
        EXHAUST SYSTEMS
        VENTILATION
        VENTILATION FANS
        VENTS

VENTING
  1203 1504 3501
  RT    BREATHING VIBRATION
        COOLING
      % DISCHARGE
        EVACUATING (VACUUM)
        EXHAUSTING
        FLUSHING
        PURGING
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      RELEASING
      RELIEF VALVES
    % SEPARATION
      VENTILATION
      VENTS

VENTRAL SECTIONS
  0404
  RT  ABDOMEN

VENTS
  0101 0104 1203 3501
  GS  OUTLETS
      #VENTS
  RT  ANNULAR DUCTS
      APERTURES
      CAVITIES
      CHIMNEYS
      COOLING SYSTEMS
      DUCTS
      EVACUATING (VACUUM)
      EXHAUST SYSTEMS
      FLUES
      GATES (OPENINGS)
      LOUVERS
    % NOZZLES
      OPENINGS
      PORTS (OPENINGS)
      RELIEF VALVES
      SLOTTED WIND TUNNELS
      VENTILATION
      VENTILATORS
      VENTING
      WINDOWS (APERTURES)

VENTURI TUBES
  1202 1203 1204
  RT % DETECTORS
      FLOW MEASUREMENT
      FLOWMETERS
      GAS METERS
      MEASURING INSTRUMENTS
      ORIFICES
      PITOT TUBES
      PRESSURE GRADIENTS
      PRESSURE MEASUREMENT
    % TUBES
      VELOCITY MEASUREMENT

VENUS (PLANET)
  3008
  GS  CELESTIAL BODIES
      .PLANETS
      ..TERRESTRIAL PLANETS
      ..#VENUS (PLANET)
  RT  PLANETARY CRATERS
      VEGA PROJECT
      VENERA 8 SATELLITE
      VENERA 10 SATELLITE
      VENERA 11 SATELLITE
      VENERA 12 SATELLITE

VENUS ATMOSPHERE
  3007 3008 3009
  GS  ENVIRONMENTS
      .EXTRATERRESTRIAL ENVIRONMENTS
      ..PLANETARY ENVIRONMENTS
      ...PLANETARY ATMOSPHERES
      ...#VENUS ATMOSPHERE
      .....VENUS CLOUDS
  RT  AEROSPACE ENVIRONMENTS
      IONOPAUSE
      PLANETARY IONOSPHERES
      PLANETARY METEOROLOGY
      VENERA 11 SATELLITE
      VENERA 12 SATELLITE
      VENUS ORBITING IMAGING RADAR
      (SPACECRAFT)

VENUS CLOUDS
  2001 3007
  GS  ENVIRONMENTS
      .EXTRATERRESTRIAL ENVIRONMENTS
      ..PLANETARY ENVIRONMENTS
      ...PLANETARY ATMOSPHERES
      ....VENUS ATMOSPHERE
      ....#VENUS CLOUDS
  RT  ATMOSPHERIC MODELS
      CLOUD COVER
      CLOUD PHYSICS
    % CLOUDS
      GREENHOUSE EFFECT

VENUS FLY TRAP ROCKET VEHICLE
  3106 3108
  GS  ROCKET VEHICLES
      .SOUNDING ROCKETS
      .#VENUS FLY TRAP ROCKET VEHICLE
  RT  COSMIC DUST
      EXTRATERRESTRIAL MATTER

VENUS ORBITING IMAGING RADAR (SPACECRAFT)
  3110 3007
  GS  RADAR
      #VENUS ORBITING IMAGING RADAR
       (SPACECRAFT)
  RT  MAGELLAN PROJECT (NASA)
      MAGELLAN SPACECRAFT (NASA)
      SYNTHETIC APERTURE RADAR
      VENUS ATMOSPHERE
      VENUS PROBES
      VENUS SURFACE

VENUS PROBES
  3007 3108 3409
  GS  INTERPLANETARY SPACECRAFT
      #VENUS PROBES
      ..MAGELLAN SPACECRAFT (NASA)
      ..MARINER 1 SPACE PROBE
      ..MARINER 2 SPACE PROBE
      ..MARINER 5 SPACE PROBE
      ..MARINER 10 SPACE PROBE
      ..PIONEER VENUS 2 SPACECRAFT
      ...PIONEER VENUS 2 TRANSPORTER BUS
      ..VENERA SATELLITES
      ...VENERA 2 SATELLITE
      ...VENERA 3 SATELLITE
      ...VENERA 4 SATELLITE
      ...VENERA 5 SATELLITE
      ...VENERA 6 SATELLITE
      ...VENERA 7 SATELLITE
      ...VENERA 8 SATELLITE
      ...VENERA 9 SATELLITE
      ...VENERA 10 SATELLITE
      ...VENERA 11 SATELLITE
      ...VENERA 12 SATELLITE
      ..ZOND 1 SPACE PROBE
      ..ZOND 3 SPACE PROBE
      ..ZOND 4 SPACE PROBE
      ..ZOND 5 SPACE PROBE
      ..ZOND 6 SPACE PROBE
      ..ZOND 7 SPACE PROBE
      ..ZOND 8 SPACE PROBE
      UNMANNED SPACECRAFT
      .SPACE PROBES
      .#VENUS PROBES
      ...MAGELLAN SPACECRAFT (NASA)
      ...MARINER 1 SPACE PROBE
      ...MARINER 2 SPACE PROBE
      ...MARINER 5 SPACE PROBE
      ...MARINER 10 SPACE PROBE
      ...VENERA SATELLITES
      ....VENERA 2 SATELLITE
      ....VENERA 3 SATELLITE
      ....VENERA 4 SATELLITE
      ....VENERA 5 SATELLITE
      ....VENERA 6 SATELLITE
      ....VENERA 7 SATELLITE
      ....VENERA 8 SATELLITE
      ....VENERA 9 SATELLITE
      ....VENERA 10 SATELLITE
      ....VENERA 11 SATELLITE
      ....VENERA 12 SATELLITE
      ...ZOND 1 SPACE PROBE
      ...ZOND 3 SPACE PROBE
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        ...ZOND 4 SPACE PROBE
        ...ZOND 5 SPACE PROBE
        ...ZOND 6 SPACE PROBE
        ...ZOND 7 SPACE PROBE
        ...ZOND 8 SPACE PROBE
  RT    MAGELLAN PROJECT (NASA)
        MARINER PROGRAM
        MARINER VENUS 67 SPACECRAFT
        MARS PROBES
        OUTER PLANETS EXPLORERS
        SPUTNIK 5 SATELLITE
        VENUS ORBITING IMAGING RADAR
        (SPACECRAFT)
        VOYAGER PROJECT

VENUS RADAR ECHOES
  0705 0710 3001 3003
  GS    ECHOES
        .RADAR ECHOES
        .#VENUS RADAR ECHOES

VENUS RADAR MAPPER
  USE   MAGELLAN SPACECRAFT (NASA)

VENUS RADAR MAPPER PROJECT
  USE   MAGELLAN PROJECT (NASA)

VENUS SURFACE
  3008
  GS    PLANETARY SURFACES
        #VENUS SURFACE
  RT    CLOUD COVER
        EXTRATERRESTRIAL ENVIRONMENTS
        MAGELLAN PROJECT (NASA)
        MAGELLAN SPACECRAFT (NASA)
        PLANETARY CRATERS
        SOLAR SYSTEM
      % SURFACES
        TERRAFORMING
        TOPOGRAPHY
        VENERA 11 SATELLITE
        VENERA 12 SATELLITE
        VENUS ORBITING IMAGING RADAR
        (SPACECRAFT)

VERBAL COMMUNICATION
  0404 0702
  GS    COMMUNICATING
        #VERBAL COMMUNICATION
        ..CONVERSATION
  RT    ACOUSTICS
        LANGUAGES
        LECTURES
        PHONETICS
        TELEPHONY
        VOICE COMMUNICATION
        VOICE DATA PROCESSING
        WORDS (LANGUAGE)

VERIFICATION (PROVING)
  USE   PROVING

VERMICULITE
  1806 3305
  GS    CLAYS
        #VERMICULITE
        MINERALS
        #VERMICULITE
  RT    INSULATION
        MICA
        PACKAGING
        SILICATES

VERMONT
  1305
  GS    NATIONS
        .UNITED STATES
        .#VERMONT
  RT    LAKE CHAMPLAIN BASIN (NY-VT)
        ST LAWRENCE VALLEY (NORTH AMERICA)

VERNEUIL PROCESS
  1601 2601
  GS    GROWTH
        .CRYSTAL GROWTH
        .#VERNEUIL PROCESS
  RT    CZOCHRALSKI METHOD
        RUBY LASERS

VERNIER ENGINES
  2802 2806 2808
  GS    ENGINES
        .ROCKET ENGINES
        .#VERNIER ENGINES
        ...SYNCOM APOGEE ENGINES
        .TORPEDO ENGINES
        .#VERNIER ENGINES
        ...CONTROL ROCKETS
        ...SYNCOM APOGEE ENGINES
  RT    ELECTRIC ROCKET ENGINES
        ELECTROSTATIC ENGINES
        HYBRID PROPELLANT ROCKET ENGINES
        INTERNAL COMBUSTION ENGINES
        LAUNCH VEHICLES
        LIQUID PROPELLANT ROCKET ENGINES
        MA-2 ENGINE
        MA-3 ENGINE
        MA-5 ENGINE
        MICROROCKET ENGINES
        RESTARTABLE ROCKET ENGINES
        SOLID PROPELLANT ROCKET ENGINES
        THRUST VECTOR CONTROL

VERNINE
  USE   GUANOSINES

VERONIQUE ROCKET VEHICLES
  3106 3108
  GS    ROCKET VEHICLES
        .SINGLE STAGE ROCKET VEHICLES
        .#VERONIQUE ROCKET VEHICLES
        .SOUNDING ROCKETS
        .#VERONIQUE ROCKET VEHICLES
  RT    LIQUID PROPELLANT ROCKET ENGINES
      % VEHICLES

VERSATILITY
  3408
  RT    COMPATIBILITY
        FLEXIBILITY

VERTEBRAE
  0402 0404
  GS    ANATOMY
        .MUSCULOSKELETAL SYSTEM
        ..BONES
        ...SPINE
        ...#VERTEBRAE
  RT    INTERVERTEBRAL DISKS
        NECK (ANATOMY)

VERTEBRAL COLUMN
  USE   SPINE

VERTEBRATES
  0402 0404
  GS    ANIMALS
        #VERTEBRATES
        ..AMPHIBIA
        ...FROGS
        ..BIRDS
        ...CHICKENS
        ...PIGEONS
        ...TURKEYS
        ...WATERFOWL
        ..FISHES
        ...SCHOOLS (FISH)
        ...SHARKS
        ..MAMMALS
        ...BATS
        ...BEARS
        ...CATS
        ...CATTLE
        ....CALVES
        ...DEER
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....CARIBOUS
...DOGS
...GOATS
...HORSES
...MARINE MAMMALS
....DOLPHINS
....MANATEES
....PORPOISES
....SEALS (ANIMALS)
....WHALES
...MOLES
...PRIMATES
....APES
.....CHIMPANZEES
....BABOONS
....HUMAN BEINGS
....MONKEYS
...RODENTS
....GUINEA PIGS
....HAMSTERS
....MICE
.....JERBOAS
.....POCKET MICE
....RABBITS
....RATS
....SQUIRRELS
.....GROUND SQUIRRELS
...SHEEP
...SWINE
...WOLVES
..REPTILES
...LIZARDS
...SNAKES
...TURTLES
RT HOMEOTHERMS

VERTICAL AIR CURRENTS
1301 1302 2001 2003
UF UPDRAFTS
GS FLUID FLOW
.GAS FLOW
..AIR FLOW
...AIR CURRENTS
...#VERTICAL AIR CURRENTS
RT ATMOSPHERIC CIRCULATION
CONVECTION CLOUDS
CONVECTION CURRENTS
DOWNBURSTS
LEE WAVES
MICROBURSTS (METEOROLOGY)
MIXING HEIGHT
SOARING
TURBULENCE
WIND (METEOROLOGY)
WINDS ALOFT

VERTICAL ATTITUDE TAKEOFF-LANDING AIRCRAFT
USE VATOL AIRCRAFT

VERTICAL DISTRIBUTION
1902 1905 2003
GS DISTRIBUTION (PROPERTY)
#VERTICAL DISTRIBUTION
..STAR DISTRIBUTION
RT ELECTRON DISTRIBUTION
HORIZONTAL DISTRIBUTION
ION DISTRIBUTION
PRESSURE DISTRIBUTION
RADIATION DISTRIBUTION
SPATIAL DISTRIBUTION
TEMPERATURE DISTRIBUTION
WIND PROFILES

VERTICAL FINS
USE FINS

VERTICAL FLIGHT
0209 3006 3110
RT BALLOON FLIGHT
CLIMBING FLIGHT
% FLIGHT
FLIGHT PATHS
HOVERING
ROCKET FLIGHT
TRANSITION FLIGHT
V/STOL AIRCRAFT

VERTICAL JUNCTION SOLAR CELLS
0902
GS ELECTRIC GENERATORS
.DIRECT POWER GENERATORS
..PHOTOELECTRIC GENERATORS
...PHOTOVOLTAIC CELLS
....SOLAR CELLS
....#VERTICAL JUNCTION SOLAR CELLS
.SOLAR GENERATORS
..SOLAR CELLS
..#VERTICAL JUNCTION SOLAR CELLS
ELECTRONIC EQUIPMENT
.SOLID STATE DEVICES
..SEMICONDUCTOR DEVICES
...PHOTOVOLTAIC CELLS
....SOLAR CELLS
....#VERTICAL JUNCTION SOLAR CELLS
PHOTOELECTRIC CELLS
.PHOTOVOLTAIC CELLS
..SOLAR CELLS
..#VERTICAL JUNCTION SOLAR CELLS
RT WAFERS

VERTICAL LANDING
0209
UF VERTICAL TAKEOFF AND LANDING
VTOL
GS LANDING
#VERTICAL LANDING
RT AIRCRAFT LANDING
SPACECRAFT LANDING
STOVL AIRCRAFT
TOUCHDOWN
VATOL AIRCRAFT

VERTICAL MOTION
1308 2308
RT FALLING
% MOTION
TOUCHDOWN

VERTICAL MOTION SIMULATORS
1902
GS SIMULATORS
.VIBRATION SIMULATORS
.#VERTICAL MOTION SIMULATORS
RT % MOTION
SHAKERS
SHOCK SIMULATORS
VIBRATORY LOADS

VERTICAL ORIENTATION
0502
RT ALIGNMENT
ATTITUDE (INCLINATION)
DIRECTIONAL STABILITY
DYNAMIC STABILITY
HORIZONTAL ORIENTATION
LATERAL STABILITY
% ORIENTATION
STABILIZATION

VERTICAL PERCEPTION
0408
GS PERCEPTION
.SENSORY PERCEPTION
.#VERTICAL PERCEPTION
RT BODY SWAY TEST
GRAVIRECEPTORS
OCULOGRAVIC ILLUSIONS
% ORIENTATION
OTOLITH ORGANS
% SPACE ORIENTATION
VESTIBULAR TESTS

VERTICAL STABILIZERS
USE STABILIZERS (FLUID DYNAMICS)

VERTICAL TAILS
USE STABILIZERS (FLUID DYNAMICS)
TAIL ASSEMBLIES

VERTICAL TAKEOFF
0201 0209 3102
UF VERTICAL TAKEOFF AND LANDING
VTOL
GS TAKEOFF
#VERTICAL TAKEOFF

VERTICAL TAKEOFF AIRCRAFT
0209
UF VTOL AIRCRAFT
GS V/STOL AIRCRAFT
#VERTICAL TAKEOFF AIRCRAFT
..FLYING PLATFORMS
..SC-1 AIRCRAFT
..VJ-101 AIRCRAFT
..VZ-8 AIRCRAFT
..X-13 AIRCRAFT
..X-14 AIRCRAFT
..X-19 AIRCRAFT
..X-22 AIRCRAFT
..X-22A AIRCRAFT
..XC-142 AIRCRAFT
..XV-4 AIRCRAFT
..XV-11A AIRCRAFT
RT % AIRCRAFT
BELL 214A HELICOPTER
CF-700 ENGINE
CIRCULATION CONTROL ROTORS
COMPOUND HELICOPTERS
CONVERTIBLE FAN-SHAFT ENGINES
CUSHIONCRAFT GROUND EFFECT MACHINE
FAN IN WING AIRCRAFT
GETOL AIRCRAFT
HELICOPTERS
LIFT FANS
LIFTING ROTORS
% MILITARY AIRCRAFT
POWERED LIFT AIRCRAFT
RESEARCH AIRCRAFT
ROTARY WING AIRCRAFT
SHORT TAKEOFF AIRCRAFT
% SUBSONIC AIRCRAFT
T-58 ENGINE
T-58-GE-8B ENGINE
TILT WING AIRCRAFT
VATOL AIRCRAFT
% WINGED VEHICLES

VERTICAL TAKEOFF AND LANDING
USE VERTICAL LANDING
VERTICAL TAKEOFF

VERTICAL 8 ROCKET
3105
GS ROCKET VEHICLES
.SOUNDING ROCKETS
.#VERTICAL 8 ROCKET
RT PAYLOADS
% ROCKETS

VERTICES
USE APEXES

VERTIGO
0401 0405 0408
GS SIGNS AND SYMPTOMS
#VERTIGO
RT BARANY CHAIR
EAR PRESSURE TEST
VESTIBULAR TESTS

VERTOL MILITARY HELICOPTERS
USE BOEING AIRCRAFT

VERY HIGH FREQUENCIES
0702 0710 2309 2312 2402
SN (30 TO 300 MHZ)
GS FREQUENCIES
.RADIO FREQUENCIES
.#VERY HIGH FREQUENCIES
...P BAND
RT DECAMETRIC WAVES
LOW FREQUENCY BANDS
MAXIMUM USABLE FREQUENCY

VERY HIGH FREQUENCY RADIO EQUIPMENT
0701 0705 0710 2402
UF ULTRA SHORT WAVE RADIO EQUIPMENT
GS RADIO EQUIPMENT
#VERY HIGH FREQUENCY RADIO
EQUIPMENT
RT RADIO ASTRONOMY
ULTRAHIGH FREQUENCIES

VERY HIGH SPEED INTEGRATED CIRCUITS
USE VHSIC (CIRCUITS)

VERY LARGE ARRAY (VLA)
0705 1412 2402 3001
GS RADIO EQUIPMENT
.RADIO TELESCOPES
.#VERY LARGE ARRAY (VLA)
TELESCOPES
.RADIO TELESCOPES
.#VERY LARGE ARRAY (VLA)
RT ANTENNA ARRAYS
RADIO ASTRONOMY

VERY LARGE SCALE INTEGRATION
0902
UF VLSI
GS CIRCUITS
.INTEGRATED CIRCUITS
.#VERY LARGE SCALE INTEGRATION
MICROELECTRONICS
#VERY LARGE SCALE INTEGRATION
RT APPLICATION SPECIFIC INTEGRATED
CIRCUITS
ARCHITECTURE (COMPUTERS)
CHIPS (ELECTRONICS)
HARDWARE DESCRIPTION LANGUAGES
LARGE SCALE INTEGRATION
MOLECULAR ELECTRONICS
SYSTOLIC ARRAYS

VERY LONG BASE INTERFEROMETRY
2310 3009
UF VLBI
GS INTERFEROMETRY
#VERY LONG BASE INTERFEROMETRY
RT ASTRONOMICAL INTERFEROMETRY
DIFFRACTION PATTERNS
ETALONS
INTERFEROMETERS
NULL ZONES
QUASAT
RADIO ASTRONOMY
RADIO INTERFEROMETERS
VERY LONG BASELINE ARRAY (VLBA)

VERY LONG BASELINE ARRAY (VLBA)
0705 1412 2402 3001
GS RADIO EQUIPMENT
.RADIO TELESCOPES
.#VERY LONG BASELINE ARRAY (VLBA)
TELESCOPES
.RADIO TELESCOPES
.#VERY LONG BASELINE ARRAY (VLBA)
RT ANTENNA ARRAYS
RADIO ASTRONOMY
VERY LONG BASE INTERFEROMETRY

VERY LOW FREQUENCIES
0710 2309 2402
SN (3 TO 30 KHZ)
GS FREQUENCIES
.RADIO FREQUENCIES
..LOW FREQUENCIES
..#VERY LOW FREQUENCIES
..LOW FREQUENCY BANDS
..#VERY LOW FREQUENCIES

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  RT   AUDIO FREQUENCIES
       EARTH-IONOSPHERE WAVEGUIDE

VERY SMALL APERTURE TERMINALS
  USE  VSAT (NETWORK)

% VESSELS
  1103 1106 1108 1502 1504
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   BLOOD VESSELS
     % CAPSULES
       FLUID FILLED SHELLS
       LIQUID FILLED SHELLS
       NAVY
       PRESSURE VESSELS
       SHIPS

VESTA ASTEROID
  1901 3001 3008
  GS   CELESTIAL BODIES
       .ASTEROID BELTS
       ..ASTEROIDS
       ..#VESTA ASTEROID
  RT   METEOROIDS
       SOLAR SYSTEM
       SPACE DEBRIS

VESTIBULAR NYSTAGMUS
  0404 0405
  GS   EYE MOVEMENTS
       .NYSTAGMUS
       .#VESTIBULAR NYSTAGMUS
       REFLEXES
       #VESTIBULAR NYSTAGMUS
  RT   ANATOMY
       EYE (ANATOMY)
       OPHTHALMOLOGY

VESTIBULAR TESTS
  0401 0501 0502
  GS   PHYSIOLOGICAL TESTS
       #VESTIBULAR TESTS
  RT   BODY SWAY TEST
       CORIOLIS EFFECT
       EAR PRESSURE TEST
       HEAD DOWN TILT
       HEAD MOVEMENT
       VERTICAL PERCEPTION
       VERTIGO

VESTIBULES
  0404 0408
  GS   ANATOMY
       .SENSE ORGANS
       ..EAR
       ...LABYRINTH
       ...#VESTIBULES
  RT   MORPHOLOGY
       PASSAGEWAYS
       SEMICIRCULAR CANALS

VESTS
  0508
  RT   CLOTHING
       GARMENTS

VETERINARY MEDICINE
  0401
  RT % BIOLOGY
       DIAGNOSIS
       DISEASES
       EPIDEMIOLOGY
       IMMUNOLOGY
       INJURIES
     % MEDICINE
       PATHOLOGY
       PHARMACOLOGY
       SURGERY

VFR (RULES)
  USE  VISUAL FLIGHT RULES

VHDL (COMPUTERS)
  USE  HARDWARE DESCRIPTION LANGUAGES

VHF OMNIRANGE NAVIGATION
  0702 0705 0709 2102 2402
  UF   OMNIRANGE NAVIGATION
       VOR SYSTEMS
  GS   NAVIGATION
       .RADIO NAVIGATION
       .#VHF OMNIRANGE NAVIGATION
  RT   AIR NAVIGATION
       NAVIGATION AIDS
       RADIO DIRECTION FINDERS
       SOLAR COMPASSES

VHSIC (CIRCUITS)
  0902
  UF   VERY HIGH SPEED INTEGRATED CIRCUITS
  GS   CIRCUITS
       .INTEGRATED CIRCUITS
       .#VHSIC (CIRCUITS)
  RT   CHIPS (ELECTRONICS)
       LARGE SCALE INTEGRATION
       SIGNAL PROCESSING

VIABILITY
  0401 0404 0405 0507
  RT   ANIMALS
       CARBON CYCLE
       CROP VIGOR
       GERMINATION
       GROWTH
       PLANTS (BOTANY)
       SEEDS

VIBRATION
  0101 0506 1308 2311 3009 3407
  UF   JITTER
  GS  #VIBRATION
       .COMBUSTION VIBRATION
       .FORCED VIBRATION
       .FREE VIBRATION
       .LATTICE VIBRATIONS
       .POGO EFFECTS
       .RANDOM VIBRATION
       .RESONANT VIBRATION
       .STRUCTURAL VIBRATION
       ..BENDING VIBRATION
       ..BREATHING VIBRATION
       ..FLUTTER
       ...PANEL FLUTTER
       ...SUBSONIC FLUTTER
       ...SUPERSONIC FLUTTER
       ...TRANSONIC FLUTTER
       ..LINEAR VIBRATION
       ..MISSILE VIBRATION
       ..SELF INDUCED VIBRATION
       ...PANEL FLUTTER
       ...SUBSONIC FLUTTER
       ...SUPERSONIC FLUTTER
       ...TRANSONIC FLUTTER
       ..TORSIONAL VIBRATION
  RT   ACOUSTICS
       AIRFOIL OSCILLATIONS
       AMPLITUDES
       ANTINODES
       COMPACTING
       CYCLIC LOADS
       DISPLACEMENT
     % DYNAMICS
       ELASTIC WAVES
       FATIGUE (MATERIALS)
       FLAPPING
       HARMONICS
       ISOLATORS
       MECHANICAL OSCILLATORS
       MECHANICAL SHOCK
       MISTUNING (TURBOMACHINERY)
       MODES (STANDING WAVES)
     % MOTION
       NODES (STANDING WAVES)
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NUTATION
OSCILLATING CYLINDERS
OSCILLATIONS
OSCILLATORS
RESONANCE
SHAKING
SHOCK RESISTANCE
SPACECRAFT MOTION
STANDING WAVES
VIBRATIONAL STRESS
VIBRATORY LOADS
VIBRATORY POLISHING
% WAVES
WING OSCILLATIONS

VIBRATION DAMPERS
USE VIBRATION ISOLATORS

VIBRATION DAMPING
1504 2308 3203
GS DAMPING
#VIBRATION DAMPING
RT ACOUSTICS
ATTENUATION
DAST PROGRAM
ELASTIC DAMPING
FLEXIBLE SPACECRAFT
GYRODAMPERS
HARMONIC CONTROL
MOLECULAR RELAXATION
NONOSCILLATORY ACTION
NONSTABILIZED OSCILLATION
SHOCK ABSORBERS

VIBRATION EFFECTS
0101 0102 0404 3203
GS #VIBRATION EFFECTS
.POGO EFFECTS
RT % EFFECTS
SUPPORT INTERFERENCE
VIBRATIONAL STRESS

VIBRATION ISOLATORS
1504 3203
UF VIBRATION DAMPERS
VIBRATION PROTECTION
GS ISOLATORS
#VIBRATION ISOLATORS
RT % ABSORBERS
ACOUSTIC RETROFITTING
CUSHIONS
% DAMPERS
DAMPERS (VALVES)
DAMPING
ENERGY ABSORPTION
NOISE REDUCTION
OSCILLATION DAMPERS
SHOCK ABSORBERS
SPRINGS (ELASTIC)
SUSPENSION SYSTEMS (VEHICLES)

VIBRATION MEASUREMENT
0501 1406 3203 3501
GS MECHANICAL MEASUREMENT
#VIBRATION MEASUREMENT
RT CEPSTRAL ANALYSIS
DAMPING TESTS
FREQUENCY ANALYZERS
FREQUENCY MEASUREMENT
% MEASUREMENT
STRESS MEASUREMENT

VIBRATION METERS
0501 1406 3203 3501
UF VIBROMETERS
GS MEASURING INSTRUMENTS
#VIBRATION METERS
..SEISMOGRAPHS
...LUNAR SEISMOGRAPHS
RT ACCELEROMETERS
TRANSDUCERS

VIBRATION MODE
0710 2308 3203
UF MODE OF VIBRATION
GS MODES
#VIBRATION MODE
..UNCOUPLED MODES
RT AIRFOIL OSCILLATIONS
FREE VIBRATION
LINEAR VIBRATION
MODE TRANSFORMERS
TRANSVERSE WAVES

VIBRATION PERCEPTION
0401 0408
GS PERCEPTION
.SENSORY PERCEPTION
.#VIBRATION PERCEPTION

VIBRATION PROTECTION
USE VIBRATION ISOLATORS

VIBRATION SIMULATORS
1107 1108 3203 3501
UF VIBRATION TESTING MACHINES
GS SIMULATORS
#VIBRATION SIMULATORS
..VERTICAL MOTION SIMULATORS
RT FLUTTER
% MACHINERY
SHAKERS
SHOCK SIMULATORS
VIBRATORY LOADS

VIBRATION TESTING MACHINES
USE VIBRATION SIMULATORS

VIBRATION TESTS
1106 1108 1505 3203 3501
GS #VIBRATION TESTS
.DAMPING TESTS
..STROKING TESTS
RT DESTRUCTIVE TESTS
DYNAMIC TESTS
ELECTRONIC EQUIPMENT TESTS
ENGINE TESTS
ENVIRONMENTAL TESTS
FLIGHT TESTS
FLUTTER
MECHANICAL ENGINEERING
OSCILLATIONS
RESONANCE TESTING
SHOCK TESTS
STABILITY TESTS
STATIC TESTS
STRUCTURAL VIBRATION
% TESTS

VIBRATIONAL FREEZING
2301 2302 2312
GS PHASE TRANSFORMATIONS
.FREEZING
.#VIBRATIONAL FREEZING

VIBRATIONAL FREQUENCIES (MOLECULAR)
USE VIBRATIONAL SPECTRA

VIBRATIONAL FREQUENCIES (STRUCTURAL)
USE RESONANT FREQUENCIES

VIBRATIONAL RELAXATION
USE MOLECULAR RELAXATION

VIBRATIONAL SPECTRA
1411 2306 2402 2601
UF VIBRATIONAL FREQUENCIES (MOLECULAR)
GS SPECTRA
.MOLECULAR SPECTRA
.#VIBRATIONAL SPECTRA
.RADIATION SPECTRA
..ELECTROMAGNETIC SPECTRA
..#VIBRATIONAL SPECTRA
RT ELECTRONIC SPECTRA
ENERGY SPECTRA

MOLECULAR RELAXATION
RAMAN SPECTRA
ROTATIONAL SPECTRA
VIBRATIONAL STATES

VIBRATIONAL STATES
2311 2404
SN (LIMITED TO MOLECULAR ENERGY LEVELS - EXCLUDES VIBRATION MODES/CONDITIONS OF STRUCTURES OR VEHICLES)
GS LEVEL (QUANTITY)
.ENERGY LEVELS
..MOLECULAR ENERGY LEVELS
..#VIBRATIONAL STATES
RT MOLECULAR EXCITATION
VIBRATIONAL SPECTRA

VIBRATIONAL STRESS
0101 0102 0404 0408 3203
GS STRESSES
#VIBRATIONAL STRESS
RT FLUTTER
VIBRATION
VIBRATION EFFECTS
VIBRATORY LOADS

VIBRATORY LOADS
0101 1704 3203
GS LOADS (FORCES)
.DYNAMIC LOADS
.#VIBRATORY LOADS
RT AERODYNAMIC LOADS
CYCLIC LOADS
STRUCTURAL DESIGN CRITERIA
VERTICAL MOTION SIMULATORS
VIBRATION
VIBRATION SIMULATORS
VIBRATIONAL STRESS

VIBRATORY POLISHING
1504 1507
GS POLISHING
#VIBRATORY POLISHING
RT METALLOGRAPHY
VIBRATION

VIBROCARDIOGRAPHY
USE PHONOCARDIOGRAPHY

VIBROMETERS
USE VIBRATION METERS

VIC METHOD
USE VORTEX IN CELL TECHNIQUE

VICKERS SCIMITAR AIRCRAFT
USE SCIMITAR AIRCRAFT

VICKERS VALIANT AIRCRAFT
USE VALIANT AIRCRAFT

VICKERS VC-10 AIRCRAFT
USE VC-10 AIRCRAFT

VICKERS 1100 AIRCRAFT
USE VC-10 AIRCRAFT

VICTOR MK-1 AIRCRAFT
0207
GS ATTACK AIRCRAFT
.BOMBER AIRCRAFT
.#VICTOR MK-1 AIRCRAFT
HANDLEY PAGE AIRCRAFT
#VICTOR MK-1 AIRCRAFT
JET AIRCRAFT
#VICTOR MK-1 AIRCRAFT
MONOPLANES
#VICTOR MK-1 AIRCRAFT
RECONNAISSANCE AIRCRAFT
#VICTOR MK-1 AIRCRAFT
RT % AIRCRAFT

VIDEO COMMUNICATION
0404 0702 0709 2306 2310
GS TELECOMMUNICATION
#VIDEO COMMUNICATION
RT HIGH DEFINITION TELEVISION
MULTIMEDIA
TELEVISION SYSTEMS
VIDEO SIGNALS

VIDEO COMPRESSION
UF COMPRESSED VIDEO

VIDEO DATA
0702 0703 0708 0802 3405 9001
RT ANALOG DATA
% DATA
DATA CONVERTERS
DATA TRANSMISSION
DIGITAL DATA
DISPLAY DEVICES
HIGH DEFINITION TELEVISION
MULTIMEDIA
RADAR DATA
SMEAR
TELECOMMUNICATION
TELEVISION SYSTEMS
VIDEO DISKS
VIDEO SIGNALS

VIDEO DISKS
0803 9001
GS DOCUMENTS
.RECORDS
.#VIDEO DISKS
RT DATA RECORDERS
DATA RECORDING
DATA STORAGE
DISKS (SHAPES)
MAGNETIC DISKS
MEMORY (COMPUTERS)
OPTICAL DATA STORAGE MATERIALS
OPTICAL DISKS
OPTICAL MEMORY (DATA STORAGE)
PLAYBACKS
VIDEO DATA
VIDEO EQUIPMENT

VIDEO EQUIPMENT
0701 0702 0905 9001
GS #VIDEO EQUIPMENT
.PICTURE TUBES
.VIDEO TAPE RECORDERS
RT ADVANCED VIDICON CAMERA SYSTEM (AVCS)
AUDIO VISUAL EQUIPMENT
CAMERA TUBES
CATHODE RAY TUBES
COMPENSATORS
DISPLAY DEVICES
FLYING SPOT SCANNERS
MOTION PICTURES
OPTICAL EQUIPMENT
OSCILLOSCOPES
RECORDING HEADS
TELEVISION EQUIPMENT
VIDEO DISKS
VIDICONS

VIDEO LANDMARK ACQUISITION AND TRACKING
2102
GS TRACKING (POSITION)
#VIDEO LANDMARK ACQUISITION AND TRACKING
RT AVIONICS
IMAGE CORRELATORS
MAP MATCHING GUIDANCE
SCENE ANALYSIS
SIGNATURES
TERCOM
TERRAIN ANALYSIS
TRACKING FILTERS

```
VIDEO SIGNALS
  0702
  RT    SIGNAL PROCESSING
        SIGNAL TRANSMISSION
      % SIGNALS
        VIDEO COMMUNICATION
        VIDEO DATA

VIDEO TAPE RECORDERS
  1401 1407 3405 3501 9001
  GS    RECORDING INSTRUMENTS
        .TAPE RECORDERS
        .#VIDEO TAPE RECORDERS
        VIDEO EQUIPMENT
        #VIDEO TAPE RECORDERS
  RT    MULTIMEDIA
        VIDEO TAPES

VIDEO TAPES
  1401 1407 3405 3501 9001
  RT    AUDIO TAPES
        CINEMATOGRAPHY
      % FILMS
        INFORMATION
        MAGNETIC TAPES
        MOTION PICTURES
        MULTIMEDIA
        PHOTOGRAPHS
        PHOTOGRAPHY
      % TAPES
        VIDEO TAPE RECORDERS
        VISUAL AIDS

VIDICONS
  0701 0702 0905 1409
  GS    ELECTRON TUBES
        .CAMERA TUBES
        .#VIDICONS
        ...RETURN BEAM VIDICONS
        ....THERMICONS
  RT    ADVANCED VIDICON CAMERA SYSTEM
        (AVCS)
        FIBER OPTICS
        PIXELS
        VIDEO EQUIPMENT

VIETNAM
  1305
  UF    NORTH VIETNAM
        REPUBLIC OF VIETNAM
        SOUTH VIETNAM
  GS    NATIONS
        #VIETNAM
  RT    ASIA
        SOUTHEAST ASIA

VIEW EFFECTS
  0408 1407 2402 3303
  SN    (LIMITED TO EFFECTS OF CHANGE IN
        ANGULAR SIZE OF FIELD OF VIEW UPON
        RECEPTORS OF RADIATION)
  RT    ANGULAR CORRELATION
      % EFFECTS
        RADIANT FLUX DENSITY
        RADIATION MEASURING INSTRUMENTS
        RADIATIVE HEAT TRANSFER
        VIEWING

VIEWING
  1412 1505 3407
  GS   #VIEWING
        .FIELD OF VIEW
  RT    DISPLAY DEVICES
        PERISCOPES
        VIEW EFFECTS
        VISIBILITY
        VISION

VIGILANTE AIRCRAFT
  USE   A-5 AIRCRAFT

VIGNETTING
  1407 2306 2310
  RT    DEFECTS
        FOCUSING
        LENSES

VIKING LANDER SPACECRAFT
  3007 3108 3110
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        ..VIKING SPACECRAFT
        ..#VIKING LANDER SPACECRAFT
        ....VIKING LANDER 1
        ....VIKING LANDER 2
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ...VIKING SPACECRAFT
        ...#VIKING LANDER SPACECRAFT
        .....VIKING LANDER 1
        .....VIKING LANDER 2
  RT    INTERPLANETARY TRAJECTORIES
        SPACE EXPLORATION
        SPACE FLIGHT

VIKING LANDER 1
  3007 3108 3409
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        ..VIKING SPACECRAFT
        ...VIKING LANDER SPACECRAFT
        ...#VIKING LANDER 1
        ...VIKING 1 SPACECRAFT
        ...#VIKING LANDER 1
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ...VIKING SPACECRAFT
        ....VIKING LANDER SPACECRAFT
        ....#VIKING LANDER 1
        ....VIKING 1 SPACECRAFT
        ....#VIKING LANDER 1
  RT    INTERPLANETARY TRAJECTORIES
        MARS SURFACE SAMPLES
        SPACE EXPLORATION
        SPACE FLIGHT

VIKING LANDER 2
  3007 3108 3409
  GS    INTERPLANETARY SPACECRAFT
        .MARS PROBES
        ..VIKING SPACECRAFT
        ...VIKING LANDER SPACECRAFT
        ...#VIKING LANDER 2
        ...VIKING 2 SPACECRAFT
        ...#VIKING LANDER 2
        UNMANNED SPACECRAFT
        .SPACE PROBES
        ..MARS PROBES
        ...VIKING SPACECRAFT
        ....VIKING LANDER SPACECRAFT
        ....#VIKING LANDER 2
        ....VIKING 2 SPACECRAFT
        ....#VIKING LANDER 2
  RT    INTERPLANETARY TRAJECTORIES
        MARS SURFACE SAMPLES
        SPACE EXPLORATION
        SPACE FLIGHT

VIKING MARS PROGRAM
  3007 3108 3409
  GS    PROGRAMS
        .NASA PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#VIKING MARS PROGRAM
        .SPACE PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#VIKING MARS PROGRAM
  RT    SPACE EXPLORATION
        VIKING SPACECRAFT

VIKING ORBITER SPACECRAFT
  3007 3108 3110
  GS    INTERPLANETARY SPACECRAFT
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      .MARS PROBES
      ..VIKING SPACECRAFT
      ..#VIKING ORBITER SPACECRAFT
      ....VIKING ORBITER 1
      ....VIKING ORBITER 2
      ....VIKING ORBITER 1975
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARS PROBES
      ...VIKING SPACECRAFT
      ...#VIKING ORBITER SPACECRAFT
      .....VIKING ORBITER 1
      .....VIKING ORBITER 2
      .....VIKING ORBITER 1975
  RT  INTERPLANETARY TRAJECTORIES
      PLANETARY ORBITS
      SPACE EXPLORATION
      SPACE FLIGHT
    % SPACECRAFT

VIKING ORBITER 1
  3007 3107 3409
  GS  INTERPLANETARY SPACECRAFT
      .MARS PROBES
      ..VIKING SPACECRAFT
      ...VIKING ORBITER SPACECRAFT
      ...#VIKING ORBITER 1
      ...VIKING 1 SPACECRAFT
      ...#VIKING ORBITER 1
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARS PROBES
      ...VIKING SPACECRAFT
      ....VIKING ORBITER SPACECRAFT
      ....#VIKING ORBITER 1
      ....VIKING 1 SPACECRAFT
      ....#VIKING ORBITER 1
  RT  INTERPLANETARY TRAJECTORIES
      SPACE EXPLORATION
      SPACE FLIGHT
    % SPACECRAFT

VIKING ORBITER 2
  3007 3107 3409
  GS  INTERPLANETARY SPACECRAFT
      .MARS PROBES
      ..VIKING SPACECRAFT
      ...VIKING ORBITER SPACECRAFT
      ...#VIKING ORBITER 2
      ...VIKING 2 SPACECRAFT
      ...#VIKING ORBITER 2
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARS PROBES
      ...VIKING SPACECRAFT
      ....VIKING ORBITER SPACECRAFT
      ....#VIKING ORBITER 2
      ....VIKING 2 SPACECRAFT
      ....#VIKING ORBITER 2
  RT  INTERPLANETARY TRAJECTORIES
      SPACE EXPLORATION
      SPACE FLIGHT
    % SPACECRAFT

VIKING ORBITER 1975
  3007 3108 3110
  GS  INTERPLANETARY SPACECRAFT
      .MARS PROBES
      ..VIKING SPACECRAFT
      ...VIKING ORBITER SPACECRAFT
      ...#VIKING ORBITER 1975
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARS PROBES
      ...VIKING SPACECRAFT
      ....VIKING ORBITER SPACECRAFT
      ....#VIKING ORBITER 1975

VIKING ROCKET VEHICLE
  3106 3401
  GS  ROCKET VEHICLES
      .SINGLE STAGE ROCKET VEHICLES
      .#VIKING ROCKET VEHICLE
  RT  LIQUID PROPELLANT ROCKET ENGINES
      SOUNDING ROCKETS
      VANGUARD 2 LAUNCH VEHICLE

VIKING SPACECRAFT
  3007 3108
  GS  INTERPLANETARY SPACECRAFT
      .MARS PROBES
      .#VIKING SPACECRAFT
      ...VIKING LANDER SPACECRAFT
      ....VIKING LANDER 1
      ....VIKING LANDER 2
      ...VIKING ORBITER SPACECRAFT
      ....VIKING ORBITER 1
      ....VIKING ORBITER 2
      ....VIKING ORBITER 1975
      ...VIKING 1 SPACECRAFT
      ....VIKING LANDER 1
      ....VIKING ORBITER 1
      ...VIKING 2 SPACECRAFT
      ....VIKING LANDER 2
      ....VIKING ORBITER 2
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARS PROBES
      ..#VIKING SPACECRAFT
      ....VIKING LANDER SPACECRAFT
      .....VIKING LANDER 1
      .....VIKING LANDER 2
      ....VIKING ORBITER SPACECRAFT
      .....VIKING ORBITER 1
      .....VIKING ORBITER 2
      .....VIKING ORBITER 1975
      ....VIKING 1 SPACECRAFT
      .....VIKING LANDER 1
      .....VIKING ORBITER 1
      ....VIKING 2 SPACECRAFT
      .....VIKING LANDER 2
      .....VIKING ORBITER 2
  RT  VIKING MARS PROGRAM

VIKING 1 SPACECRAFT
  3007 3108 3409
  GS  INTERPLANETARY SPACECRAFT
      .MARS PROBES
      ..VIKING SPACECRAFT
      ..#VIKING 1 SPACECRAFT
      ....VIKING LANDER 1
      ....VIKING ORBITER 1
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARS PROBES
      ...VIKING SPACECRAFT
      ...#VIKING 1 SPACECRAFT
      .....VIKING LANDER 1
      .....VIKING ORBITER 1
  RT  INTERPLANETARY TRAJECTORIES
      SPACE EXPLORATION
      SPACE FLIGHT

VIKING 2 SPACECRAFT
  3007 3108 3409
  GS  INTERPLANETARY SPACECRAFT
      .MARS PROBES
      ..VIKING SPACECRAFT
      ..#VIKING 2 SPACECRAFT
      ....VIKING LANDER 2
      ....VIKING ORBITER 2
      UNMANNED SPACECRAFT
      .SPACE PROBES
      ..MARS PROBES
      ...VIKING SPACECRAFT
      ...#VIKING 2 SPACECRAFT
      .....VIKING LANDER 2
      .....VIKING ORBITER 2
  RT  INTERPLANETARY TRAJECTORIES
      SPACE EXPLORATION
      SPACE FLIGHT

VIKING 1975 ENTRY VEHICLE
  3105 3009
  GS  INTERPLANETARY SPACECRAFT
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        .MARS PROBES
        .#VIKING 1975 ENTRY VEHICLE
  RT    MARS LANDING
        SOFT LANDING

VINEYARDS
  0409
  RT    AGRICULTURE
        BLIGHT
        BOTANY
        CROP GROWTH
        CROP VIGOR
      % CROPS
        EARTH RESOURCES
        FARM CROPS
      % FOOD
        IRRIGATION
        PLANTS (BOTANY)
        WINES

VINTI THEORY
  1904 3009
  GS    PERTURBATION THEORY
        #VINTI THEORY
  RT    GEODESY
        ORBIT PERTURBATION
      % THEORIES

VINYL COPOLYMERS
  1808 1809 1810
  GS    COPOLYMERS
        #VINYL COPOLYMERS
        PLASTICS
        .SYNTHETIC RESINS
        ..ADDITION RESINS
        ..#VINYL COPOLYMERS
        RESINS
        .SYNTHETIC RESINS
        ..ADDITION RESINS
        ..#VINYL COPOLYMERS
        VINYL POLYMERS
        #VINYL COPOLYMERS
  RT    ADDITIVES
        COPOLYMERIZATION
      % POLYMERS

VINYL CYANIDE
  USE   ACRYLONITRILES

VINYL ETHYLENE
  USE   BUTADIENE

VINYL POLYMERS
  1805 1808 1810
  GS   #VINYL POLYMERS
        .POLYVINYL FLUORIDE
        .VINYL COPOLYMERS
  RT  % POLYMERS
        POLYVINYL ALCOHOL
        POLYVINYL CHLORIDE

VINYL RADICAL
  1805 1808
  GS    RADICALS
        #VINYL RADICAL
  RT    FREE RADICALS

VINYLIDENE
  1808 1809 1810
  GS    ORGANIC COMPOUNDS
        .HYDROCARBONS
        ..ALIPHATIC HYDROCARBONS
        ...ALKENES
        ....ETHYLENE
        ....#VINYLIDENE

VIOLENCE
  0408 0410 3402 3403
  GS   #VIOLENCE
        .ATTACKING (ASSAULTING)
  RT    CRIME
        DISORDERS
        POLICE
        WARFARE

VIRAL DISEASES
  0404 0405 0407 0408 0410 0412
  SN    (EXCLUDES PLANT DISEASES)
  GS    DISEASES
        .INFECTIOUS DISEASES
        .#VIRAL DISEASES
        ...ACQUIRED IMMUNODEFICIENCY
           SYNDROME
        ...INFLUENZA
        ...POLIOMYELITIS
        ...SMALLPOX
  RT    ENCEPHALITIS
        HEPATITIS
        HUMAN IMMUNODEFICIENCY VIRUS
        MENINGITIS
        PNEUMONIA
        VIRUSES

VIRGIN ISLANDS
  1305
  GS    LANDFORMS
        .ISLANDS
        ..WEST INDIES
        ..#VIRGIN ISLANDS
  RT    ARCHIPELAGOES
        CARIBBEAN REGION
        CARIBBEAN SEA
        TROPICAL REGIONS
        UNITED STATES

VIRGINIA
  1305
  GS    NATIONS
        .UNITED STATES
        .#VIRGINIA
  RT    ALLEGHENY PLATEAU (US)
        ASSATEAGUE ISLAND (MD-VA)
        CHESAPEAKE BAY (US)
        DELMARVA PENINSULA (DE-MD-VA)
        POTOMAC RIVER VALLEY (MD-VA-WV)
        SHENANDOAH VALLEY (VA)
        WALLOPS ISLAND

VIRGO GALACTIC CLUSTER
  1504 3001
  UF    VIRGO STAR CLUSTER
  GS    CELESTIAL BODIES
        .GALAXIES
        ..GALACTIC CLUSTERS
        ..#VIRGO GALACTIC CLUSTER
  RT    AGGLOMERATION
        BARRED GALAXIES
      % CLUSTERS
        DISK GALAXIES
        ELLIPTICAL GALAXIES
        LOCAL GROUP (ASTRONOMY)
        SPIRAL GALAXIES
        STAR CLUSTERS
        STAR DISTRIBUTION
        STARS

VIRGO STAR CLUSTER
  USE   VIRGO GALACTIC CLUSTER

VIRIAL COEFFICIENTS
  0604
  GS    COEFFICIENTS
        #VIRIAL COEFFICIENTS
  RT    EQUATIONS OF STATE
        INTERMOLECULAR FORCES
        VIRIAL THEOREM

VIRIAL THEOREM
  0604 1902 2403 3009
  GS    THEOREMS
        #VIRIAL THEOREM
  RT    KINETIC ENERGY
        KINETIC EQUATIONS
      % MECHANICS (PHYSICS)
        MISSING MASS (ASTROPHYSICS)
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      VIRIAL COEFFICIENTS

VIRTUAL MEMORY SYSTEMS
  0801
  RT  COMPUTER SYSTEMS DESIGN
      DATA MANAGEMENT
      DATA STORAGE
      MAGNETIC STORAGE

VIRTUAL PROPERTIES
  2311 3408
  RT  ACCURACY
    % PHYSICAL PROPERTIES
    % PROPERTIES

VIRTUAL REALITY
  0804 1107 9001
  UF  VR (VIRTUAL REALITY)
  RT  COCKPIT SIMULATORS
      COMPUTERIZED SIMULATION
      ENVIRONMENT SIMULATION
      FLIGHT SIMULATION
      HUMAN-COMPUTER INTERFACE
      MAN MACHINE SYSTEMS
      MOTION SIMULATION
      SIMULATION
      SPACE ENVIRONMENT SIMULATION
      TRAINING SIMULATORS

VIRULENCE
  0405 0407 0412
  RT  HUMAN IMMUNODEFICIENCY VIRUS
      MICROORGANISMS
      TOXICITY
      VIRUSES

VIRUSES
  0405 0407 0412
  GS  MICROORGANISMS
      #VIRUSES
      ..ADENOVIRUSES
      ..BACTERIOPHAGES
      ..HUMAN IMMUNODEFICIENCY VIRUS
  RT % BLISTERS
      INTERFERON
      PROTOBIOLOGY
      VIRAL DISEASES
      VIRULENCE

VISCERA
  0404 0405
  SN  (FOR SPECIFIC ORGANS SEE ANATOMY)
  GS  ORGANS
      #VISCERA
  RT  ABDOMEN
      ANATOMY
      PERITONEUM
      THORAX

VISCOELASTIC CYLINDERS
  0101 0102 1809 3203
  RT % CYLINDERS
      CYLINDRICAL BODIES
      CYLINDRICAL SHELLS

VISCOELASTIC DAMPING
  1902
  GS  DAMPING
      .ELASTIC DAMPING
      .#VISCOELASTIC DAMPING
      .VISCOUS DAMPING
      .#VISCOELASTIC DAMPING
      ELASTODYNAMICS
      .ELASTIC DAMPING
      .#VISCOELASTIC DAMPING

VISCOELASTIC FLOW
  USE VISCOELASTICITY

VISCOELASTICITY
  1202 2311 3408
  UF  VISCOELASTIC FLOW
  GS  MECHANICAL PROPERTIES
      .ELASTIC PROPERTIES
      .#VISCOELASTICITY
      ...PHOTOVISCOELASTICITY
      ...THERMOVISCOELASTICITY
  RT  HYDROELASTICITY
      HYSTERESIS
      MAXWELL FLUIDS
      NONNEWTONIAN FLOW
      NONNEWTONIAN FLUIDS
      PLASTIC FLOW
      RELAXATION (MECHANICS)
      SQUEEZE FILMS
      VISCOPLASTICITY
      VISCOUS DAMPING

VISCOMETERS
  1202 1203 1406 3203
  GS  MEASURING INSTRUMENTS
      #VISCOMETERS
  RT  ROTATING CYLINDERS
      VISCOMETRY
      VISCOSITY

VISCOMETRY
  1202 1203 1406 3203
  RT  ROTATING CYLINDERS
      VISCOMETERS
      VISCOSITY
      VISCOUS DRAG
      VISCOUS FLOW

VISCOPLASTIC FLOW
  USE VISCOPLASTICITY

VISCOPLASTICITY
  1202 1809 3203
  UF  VISCOPLASTIC FLOW
  GS  MECHANICAL PROPERTIES
      .PLASTIC PROPERTIES
      .#VISCOPLASTICITY
  RT  HYSTERESIS
      NONNEWTONIAN FLOW
      NONNEWTONIAN FLUIDS
      PLASTIC ANISOTROPY
      PLASTIC FLOW
      RELAXATION (MECHANICS)
      VISCOELASTICITY
      VISCOUS DAMPING

VISCOPUMPS
  1202 1501 1504
  GS  PUMPS
      #VISCOPUMPS
  RT  VISCOUS FLOW

VISCOSITY
  1202 2311 3408
  GS  TRANSPORT PROPERTIES
      #VISCOSITY
      ..EDDY VISCOSITY
      ..GAS VISCOSITY
  RT  DENSITY (MASS/VOLUME)
      FLOW CHARACTERISTICS
      FLOW RESISTANCE
      INTERNAL FRICTION
      LOW REYNOLDS NUMBER
    % MOTION
    % PHYSICAL PROPERTIES
      RHEOLOGY
      SIMILITUDE LAW
      SOLUBILITY
      STOKES LAW (FLUID MECHANICS)
      SUPERFLUIDITY
      SURFACE PROPERTIES
      THERMAL DIFFUSION
      THERMAL DIFFUSIVITY
      THIXOTROPY
      VISCOMETERS
      VISCOMETRY
      VISCOUS FLOW

VISCOUNT AIRCRAFT
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  0204
  GS   BAC AIRCRAFT
       #VISCOUNT AIRCRAFT
       JET AIRCRAFT
       .TURBOPROP AIRCRAFT
       .#VISCOUNT AIRCRAFT
       MONOPLANES
       #VISCOUNT AIRCRAFT
       PASSENGER AIRCRAFT
       #VISCOUNT AIRCRAFT
       TRANSPORT AIRCRAFT
       #VISCOUNT AIRCRAFT
  RT % AIRCRAFT

VISCOUS DAMPING
  1809 2308 2403
  GS   DAMPING
       #VISCOUS DAMPING
       ..VISCOELASTIC DAMPING
  RT   ELASTIC DAMPING
       RESONANCE TESTING
       VISCOELASTICITY
       VISCOPLASTICITY

VISCOUS DRAG
  0101 1203 2308 3203 3501
  GS   DYNAMIC CHARACTERISTICS
       .DRAG
       ..FRICTION DRAG
       ..#VISCOUS DRAG
       FRICTION
       .FLOW RESISTANCE
       ..FRICTION DRAG
       ..#VISCOUS DRAG
       .SKIN FRICTION
       ..FRICTION DRAG
       ..#VISCOUS DRAG
  RT   EDDY VISCOSITY
       HARTMANN NUMBER
       LAMINAR FLOW
       TURBULENT FLOW
       VISCOMETRY

VISCOUS FLOW
  1201 1202 1203
  GS   FLUID FLOW
       #VISCOUS FLOW
       ..BOUNDARY LAYER FLOW
       ...REATTACHED FLOW
       ...SECONDARY FLOW
       ...SEPARATED FLOW
       ....BOUNDARY LAYER SEPARATION
       ..COUETTE FLOW
       ..KARMAN-BODEWADT FLOW
       ..STOKES FLOW
  RT   AERODYNAMICS
       BAROTROPIC FLOW
       EDDY VISCOSITY
     % FLOW
       FLOW CHARACTERISTICS
       GAS FLOW
       INVISCID FLOW
       KNUDSEN FLOW
       LAMINAR FLOW
       MAGNETOHYDRODYNAMIC SHEAR HEATING
       MAXWELL FLUIDS
       MILNE-THOMSON METHOD
       NAVIER-STOKES EQUATION
       POHLHAUSEN METHOD
       PRANDTL NUMBER
       REYNOLDS NUMBER
       TURBULENT FLOW
       VISCOMETRY
       VISCOPUMPS
       VISCOSITY
       WEDGE FLOW

VISCOUS FLUIDS
  1202 1203
  RT   FLOW STABILITY
     % FLUIDS
       MAXWELL FLUIDS
       NAVIER-STOKES EQUATION
       NEWTONIAN FLUIDS
       NONNEWTONIAN FLUIDS
       OSEEN APPROXIMATION
       SEMISOLIDS
       SQUEEZE FILMS
       WEIGHTLESS FLUIDS

VISIBILITY
  0408 0502 2103
  UF   INVISIBILITY
  GS  #VISIBILITY
       .LOW VISIBILITY
  RT   APPEARANCE
       BRIGHTNESS
       CEILINGS (METEOROLOGY)
       CHARACTER RECOGNITION
       COLOR
       CONTRAST
       DARKENING
       FOG
       GLARE
       HAZE
       HUMAN FACTORS ENGINEERING
       ILLUMINANCE
       IMAGE CONTRAST
       LEGIBILITY
       LIGHT (VISIBLE RADIATION)
       LIGHT TRANSMISSION
       LUMINESCENCE
       LUMINOSITY
       NIGHT FLIGHTS (AIRCRAFT)
       OPACITY
       OPTICAL PROPERTIES
       PERCEPTION
       RADIANCE
       READING
       RESOLUTION
       RETINAL ADAPTATION
       SENSITIVITY
       SMOKE
       SYMBOLS
       TRANSMISSIVITY
       VIEWING
       VISION
       VISUAL CONTROL
       WHITEOUT

VISIBLE INFRARED SPIN SCAN RADIOMETER
  1404
  RT   ATMOSPHERIC SOUNDING
       INFRARED RADIOMETERS
       SATELLITE SOUNDING
       SATELLITE-BORNE INSTRUMENTS

VISIBLE RADIATION
  USE  LIGHT (VISIBLE RADIATION)

VISIBLE SPECTRUM
  2306 2903
  GS   SPECTRA
       .RADIATION SPECTRA
       ..ELECTROMAGNETIC SPECTRA
       ..#VISIBLE SPECTRUM
  RT % ABSORPTION
       ABSORPTION SPECTRA
       ASTRONOMICAL SPECTROSCOPY
       AURORAL SPECTROSCOPY
       CATHODOLUMINESCENCE
       EMISSION SPECTRA
       GAS SPECTROSCOPY
       LIGHT (VISIBLE RADIATION)
       LINE SPECTRA
       MOLECULAR SPECTRA
       SOLAR SPECTRA
       SPECTRAL BANDS
       SPECTROSCOPY
       STELLAR SPECTRA

VISION
  0404 0408
  UF   MACULAR VISION
  GS  #VISION
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        .BINOCULAR VISION
        .COLOR VISION
        .MONOCULAR VISION
        .NIGHT VISION
        .PERIPHERAL VISION
        .STEREOSCOPIC VISION
  RT    ADAPTATION
        ANASTIGMATISM
        BLINDNESS
        BRIGHTNESS
        CHOROID MEMBRANES
        COLOR
        CONJUNCTIVA
        CONTRAST
        CORNEA
        DARK ADAPTATION
        EYE (ANATOMY)
        EYE DOMINANCE
        FLASH BLINDNESS
        GLARE
        HETEROPHORIA
        HUMAN FACTORS ENGINEERING
        HYPEROPIA
        ILLUSIONS
        IMAGES
        LEGIBILITY
        LIGHT ADAPTATION
        MIOSIS
        MYOPIA
        OCULOMOTOR NERVES
        OPHTHALMODYNAMOMETRY
        OPTOMETRY
        PERCEPTION
        PHOSPHENE
        PRESBYOPIA
        PUPILS
        RESOLUTION
        RETINA
        RETINAL ADAPTATION
        RETINAL IMAGES
        THRESHOLDS (PERCEPTION)
        VIEWING
        VISIBILITY
        VISUAL ACUITY

VISORS
  0508
  RT    EYE PROTECTION
        RADIATION PROTECTION
        SUNGLASSES

VISUAL ACCOMMODATION
  0404 0408
  RT    ACCOMMODATION

VISUAL ACUITY
  0408 0502
  GS    ACUITY
        #VISUAL ACUITY
        ..HYPEROPIA
  RT    PERIPHERAL VISION
        SNELLEN TESTS
        VISION

VISUAL AIDS
  0405 0408 0502 0508 9001
  RT %  AIDS
        AUDIO VISUAL EQUIPMENT
        AUDIO VISUAL MATERIAL
        CHARTS
        DIAGRAMS
        DISPLAY DEVICES
        DRAWINGS
        MULTIMEDIA
        PHOTOGRAPHS
        TRAINING DEVICES
        VIDEO TAPES

VISUAL CONTROL
  0502 0503 0506 2102
  GS    MANUAL CONTROL
        #VISUAL CONTROL
  RT    AIRCRAFT CONTROL
        APPROACH CONTROL
        ATTITUDE CONTROL
      % CONTROL
        DISPLAY DEVICES
        GUIDANCE (MOTION)
        MISSILE CONTROL
        REMOTE CONTROL
        RUNWAY LIGHTS
        SERVOCONTROL
        SPACECRAFT CONTROL
        VISIBILITY

VISUAL DISCRIMINATION
  0405 0408
  GS    DISCRIMINATION
        .SENSORY DISCRIMINATION
        .#VISUAL DISCRIMINATION
        PERCEPTION
        .SENSORY PERCEPTION
        ..VISUAL PERCEPTION
        ..#VISUAL DISCRIMINATION
  RT %  RECOVERY

VISUAL DISPLAYS
  USE   DISPLAY DEVICES

VISUAL FIELDS
  0404 0408
  RT    FIELD OF VIEW
      % FIELDS
        PERIPHERAL VISION
        RETINA
        RETINAL IMAGES
        SACCADIC EYE MOVEMENTS
        SPACE PERCEPTION

VISUAL FLIGHT
  0201 0408 0502
  RT    AIR NAVIGATION
        COLLISION AVOIDANCE
      % FLIGHT
        FLIGHT CONDITIONS
        FLIGHT PATHS
        FLIGHT SAFETY
        LANDING
        WHITEOUT

VISUAL FLIGHT RULES
  0203 0502 1101 1402
  UF    VFR (RULES)
  GS    RULES
        .FLIGHT RULES
        .#VISUAL FLIGHT RULES

VISUAL OBSERVATION
  0408 0502 3009
  GS    OBSERVATION
        #VISUAL OBSERVATION
  RT    COMPANION STARS
        SEEING (ASTRONOMY)
        SPACE OBSERVATIONS (FROM EARTH)

VISUAL PERCEPTION
  0404 0408
  UF    SIGHT
  GS    PERCEPTION
        .SENSORY PERCEPTION
        .#VISUAL PERCEPTION
        ...CRITICAL FLICKER FUSION
        ...SPACE PERCEPTION
        ....AUTOKINESIS
        ...VISUAL DISCRIMINATION
  RT    AFTERIMAGES
        BLINKING
        BRIGHTNESS DISCRIMINATION
        ELEVATOR ILLUSION
        MOTION PERCEPTION
      % ORIENTATION
        PERCEPTUAL ERRORS
      % SPACE ORIENTATION
        TACHISTOSCOPES
        THRESHOLDS (PERCEPTION)
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       VISUAL TASKS

VISUAL PHOTOMETRY
  0408 1411 2306 3001
  GS   OPTICAL MEASUREMENT
       .PHOTOMETRY
       .#VISUAL PHOTOMETRY

VISUAL PIGMENTS
  0405 1802
  GS   PIGMENTS
       #VISUAL PIGMENTS
  RT   DARK ADAPTATION
       PHOTORECEPTORS
       PHOTOSENSITIVITY
       RETINA

VISUAL SIGNALS
  0408 0506 0702
  RT   BEACONS
       CUES
       LUMINAIRES
       OPTICAL COMMUNICATION
     % SIGNALS

VISUAL STIMULI
  0404 0408
  RT   PERCEPTUAL ERRORS
     % SIGNALS
     % STIMULI
       VISUAL TASKS

VISUAL TASKS
  0408 0410 0502
  GS   TASKS
       #VISUAL TASKS
  RT   EYE MOVEMENTS
       HUMAN PERFORMANCE
       VISUAL PERCEPTION
       VISUAL STIMULI

VISUAL TRACKING
  USE  OPTICAL TRACKING

VISUALIZATION OF FLOW
  USE  FLOW VISUALIZATION

VITAMIN A
  USE  RETINENE

VITAMIN B
  USE  THIAMINE

VITAMIN B COMPLEX
  USE  BIOTIN

VITAMIN B 2
  USE  RIBOFLAVIN

VITAMIN B 6
  USE  PYRIDOXINE

VITAMIN B 12
  USE  CYANOCOBALAMIN

VITAMIN C
  USE  ASCORBIC ACID

VITAMIN D
  USE  CALCIFEROL

VITAMIN E
  USE  TOCOPHEROL

VITAMIN G
  USE  RIBOFLAVIN

VITAMIN K
  USE  PHYLLOQUINONE

VITAMIN M
  USE  FOLIC ACID

VITAMIN P
  USE  BIOFLAVONOIDS

VITAMINS
  0403 1808
  GS  #VITAMINS
       .ASCORBIC ACID
       .BIOFLAVONOIDS
       .BIOTIN
       .CALCIFEROL
       .CARNITINE
       .CYANOCOBALAMIN
       .FOLIC ACID
       .NICOTINAMIDE
       .NICOTINIC ACID
       .PHYLLOQUINONE
       .PYRIDOXINE
       .RETINENE
       .RIBOFLAVIN
       .THIAMINE
       .TOCOPHEROL
  RT   ASCORBIC ACID METABOLISM
       CHOLINE
       DRUGS
     % FOOD
     % NUTRIENTS

VITERBI DECODERS
  0701 0702 0801 0802
  GS   DECODERS
       #VITERBI DECODERS
  RT   CODING
       DECODING
       SIGNAL ENCODING
       SIGNAL PROCESSING

VITON RUBBER (TRADEMARK)
  1808 1809 1810
  GS   COPOLYMERS
       #VITON RUBBER (TRADEMARK)
       RUBBER
       .SYNTHETIC RUBBERS
       ..ELASTOMERS
       ..#VITON RUBBER (TRADEMARK)
  RT   FLUOROHYDROCARBONS

VITREOUS MATERIALS
  1801 1805
  RT   FRIT
       GLASS
     % INORGANIC MATERIALS
     % MATERIALS
       METALLIC GLASSES
       PORCELAIN
       VITRIFICATION

VITRIFICATION
  1801
  RT   CERAMICS
       GLASS
       PORCELAIN
       SOLIDIFICATION
       VITREOUS MATERIALS

VJ-101 AIRCRAFT
  0207 0209
  UF   SUD VJ-101 AIRCRAFT
  GS   ATTACK AIRCRAFT
       .FIGHTER AIRCRAFT
       .#VJ-101 AIRCRAFT
       JET AIRCRAFT
       #VJ-101 AIRCRAFT
       MONOPLANES
       #VJ-101 AIRCRAFT
       SINGLE ENGINE AIRCRAFT
       #VJ-101 AIRCRAFT
       SUD AVIATION AIRCRAFT
       #VJ-101 AIRCRAFT
       SUPERSONIC AIRCRAFT
       #VJ-101 AIRCRAFT
       V/STOL AIRCRAFT
       .VERTICAL TAKEOFF AIRCRAFT
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      .#VJ-101 AIRCRAFT
  RT % AIRCRAFT

VLASOV EQUATIONS
  1902 2309 2402 2403 3501
  GS   ANALYSIS (MATHEMATICS)
       .REAL VARIABLES
       ..DIFFERENTIAL EQUATIONS
       ...PARTIAL DIFFERENTIAL EQUATIONS
       ...#VLASOV EQUATIONS
  RT % EQUATIONS
       STABILITY

VLBI
  USE  VERY LONG BASE INTERFEROMETRY

VLF EMISSION RECORDERS
  0701 0705 0710 0905 2402 2903
  RT   ATMOSPHERIC RADIATION
       ATMOSPHERICS
       COSMIC RAYS
       ELECTROMAGNETIC RADIATION
       PLANETARY RADIATION
     % RECORDERS
       RECORDING INSTRUMENTS

VLSI
  USE  VERY LARGE SCALE INTEGRATION

VOCAL CORDS
  0404 0408
  GS   ANATOMY
       .RESPIRATORY SYSTEM
       ..LARYNX
       ..#VOCAL CORDS
  RT   GLOTTIS

VOCODERS
  0701 0702 0703 0802
  RT   BANDPASS FILTERS
       COMPUTERS
       DIGITAL TO VOICE TRANSLATORS
       FREQUENCY MODULATION
       MESSAGES
       RADIO COMMUNICATION
       SCRAMBLING (COMMUNICATION)
       SIGNAL RECEPTION
       SPEECH BASEBAND COMPRESSION
       VOICE COMMUNICATION
       VOICE DATA PROCESSING

VOICE
  0408 2301
  GS   SOUND PROPAGATION
       #VOICE
  RT   AUDIO FREQUENCIES
       SPEECH
       TONGUE

VOICE COMMUNICATION
  0408 0410 0702 2301 9001
  GS   TELECOMMUNICATION
       #VOICE COMMUNICATION
       ..TELEPHONY
  RT   ACOUSTICS
       CONVERSATION
       ECHO SUPPRESSORS
       GROUND-AIR-GROUND COMMUNICATION
       MULTIMEDIA
       RADIO COMMUNICATION
       RADIOTELEPHONES
       REENTRY COMMUNICATION
       SCRAMBLING (COMMUNICATION)
       SINGLE CHANNEL PER CARRIER
       TRANSMISSION
       SINGLE SIDEBAND TRANSMISSION
       SPEECH
       SPEECH BASEBAND COMPRESSION
       VERBAL COMMUNICATION
       VOCODERS
       VOICE CONTROL
       VOICE DATA PROCESSING
       WIRELESS COMMUNICATION
       WORDS (LANGUAGE)

VOICE CONTROL
  0405
  SN   (DEVICE OPERATION BY VOICE)
  RT   BIOENGINEERING
     % CONTROL
       ROBOTICS
       ROBOTS
       SPEECH RECOGNITION
       VOICE COMMUNICATION
       VOICE DATA PROCESSING

VOICE DATA PROCESSING
  0501 0802 0803 3405 9001
  GS   DATA PROCESSING
       #VOICE DATA PROCESSING
       ..CEPSTRAL ANALYSIS
  RT   ARTIFICIAL INTELLIGENCE
     % DATA
       DIGITAL TO VOICE TRANSLATORS
       SIGNAL ENCODING
       SINGLE CHANNEL PER CARRIER
       TRANSMISSION
       VECTOR QUANTIZATION
       VERBAL COMMUNICATION
       VOCODERS
       VOICE COMMUNICATION
       VOICE CONTROL

VOICE OF AMERICA
  0702 0705 3403 3405
  RT   BROADCASTING
       RADIO TRANSMISSION

VOID RATIO
  1203 2203 2204
  UF   COMPACTNESS
  GS   RATIOS
       #VOID RATIO
  RT % CONDUCTIVITY
       DENSITY (MASS/VOLUME)
       FREE FLOW
       HOLE DISTRIBUTION (MECHANICS)
       PACKING DENSITY
       PERMEABILITY
       POROSITY
       REACTOR CORES
       SURFACE PROPERTIES
       VOIDS

VOIDS
  1704 2311 2601
  RT   BUOYANCY
       CAVITIES
       CRACK GEOMETRY
       CRACK OPENING DISPLACEMENT
       DEFECTS
       INCLUSIONS
       INFILTRATION
       INTERSTICES
       PERCOLATION
       PERMEABILITY
       POROSITY
       VOID RATIO

VOIGT EFFECT
  1203 2306 2307 2310
  RT   BIREFRINGENCE
     % EFFECTS
       OPTICAL PATHS
       REFRACTION
       ZEEMAN EFFECT

VOLATILITY
  0603 3301
  GS   THERMODYNAMIC PROPERTIES
       .THERMOPHYSICAL PROPERTIES
       .#VOLATILITY
  RT   COAL GASIFICATION
       EVAPORATION
       FLASH POINT
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PREVAPORIZATION
VAPOR PHASES
VAPOR PRESSURE
VAPORIZING

VOLATILIZATION
USE VAPORIZING

VOLCANICS
USE VOLCANOLOGY

VOLCANOES
1305 1306 1308 3009
UF ACTIVE VOLCANOES
GS GEOLOGY
#VOLCANOES
..MARS VOLCANOES
LANDFORMS
#VOLCANOES
..MARS VOLCANOES
RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
GEOMORPHOLOGY
GEOTHERMAL RESOURCES
LAVA
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOLOGY

VOLCANOLOGY
1305 1306 1308
UF VOLCANICS
GS GEOLOGY
#VOLCANOLOGY
RT BASALT
CALDERAS
CONES (VOLCANOES)
EFFUSIVES
GEOMORPHOLOGY
LAVA
MARS VOLCANOES
MOUNTAINS
OROGRAPHY
PALEOMAGNETISM
PETROLOGY
ROUSE BELTS
VOLCANOES

VOLT-AMPERE CHARACTERISTICS
1002 1704 2304
RT CAPACITANCE-VOLTAGE CHARACTERISTICS
% CHARACTERISTICS
ELECTRIC CURRENT
ELECTRIC POTENTIAL
% ELECTRONICS
LINEAR CIRCUITS
OHMS LAW
OPEN CIRCUIT VOLTAGE
OPTOGALVANIC SPECTROSCOPY
PROXIMITY EFFECT (ELECTRICITY)
QUANTUM EFFICIENCY
SHORT CIRCUIT CURRENTS
THRESHOLD VOLTAGE
TRANSCONDUCTANCE
VOLTAGE AMPLIFIERS

VOLTAGE
USE ELECTRIC POTENTIAL

VOLTAGE AMPLIFIERS
0902 0904 2304
GS AMPLIFIERS
#VOLTAGE AMPLIFIERS
RT CURRENT AMPLIFIERS
FEEDBACK AMPLIFIERS
MAGNETIC AMPLIFIERS
PREAMPLIFIERS
VOLT-AMPERE CHARACTERISTICS

VOLTAGE BREAKDOWN
USE ELECTRICAL FAULTS

VOLTAGE CONTROLLED OSCILLATORS
0904
UF VCO
GS OSCILLATORS
#VOLTAGE CONTROLLED OSCILLATORS
RT CIRCUITS
ELECTRIC CONTROL
ELECTRIC NETWORKS
FREQUENCY MODULATION
FREQUENCY STABILITY
MICROWAVE OSCILLATORS
VOLTAGE REGULATORS

VOLTAGE CONVERTERS (AC TO AC)
0302 0701 0801
GS TRANSFORMERS
#VOLTAGE CONVERTERS (AC TO AC)
RT ALTERNATING CURRENT
AUXILIARY POWER SOURCES
% CONVERTERS
% ELECTRIC EQUIPMENT
% ELECTRIC POWER
% POWER SUPPLIES

VOLTAGE CONVERTERS (DC TO DC)
0302 0701 0801
RT AUXILIARY POWER SOURCES
% CONVERTERS
DIRECT CURRENT
ELECTRIC BATTERIES
% ELECTRIC EQUIPMENT
% ELECTRIC POWER
% POWER SUPPLIES
POWER SUPPLY CIRCUITS

VOLTAGE GENERATORS
0302 0904
RT ARC GENERATORS
ELECTROSTATIC GENERATORS
FUNCTION GENERATORS
% GENERATORS
SIGNAL GENERATORS

VOLTAGE MEASUREMENT
USE ELECTRICAL MEASUREMENT

VOLTAGE REGULATORS
0902 0904
GS REGULATORS
#VOLTAGE REGULATORS
RT AVALANCHE DIODES
CIRCUIT PROTECTION
CONTROLLERS
CURRENT REGULATORS
ELECTRIC SWITCHES
ELECTRONIC CONTROL
POWER FACTOR CONTROLLERS
POWER SUPPLY CIRCUITS
SWITCHING CIRCUITS
TRANSFORMERS
TRANSMISSION LOSS
VOLTAGE CONTROLLED OSCILLATORS

VOLTAGE VARIATION INDICATORS
USE VOLTMETERS

VOLTERRA EQUATIONS
1202 1902
GS ANALYSIS (MATHEMATICS)
.FUNCTIONAL ANALYSIS
..INTEGRAL EQUATIONS
..#VOLTERRA EQUATIONS
RT % EQUATIONS
NONLINEARITY
% RADIATION

VOLTMETERS
0904 0905 1402 1406

```
  UF   VOLTAGE VARIATION INDICATORS
  GS   MEASURING INSTRUMENTS
       #VOLTMETERS
       ..MILLIVOLTMETERS
  RT   AMMETERS
       COULOMETERS
       ELECTROMETERS
       POTENTIOMETERS (INSTRUMENTS)

VOLUME
  1902 3406 3408
  GS  #VOLUME
       .BODY VOLUME (BIOLOGY)
  RT   AREA
     % CAPACITY
       DIMENSIONS
       FRUSTUMS
       GEOMETRY
       ISOCHORIC PROCESSES
       RATES (PER TIME)
       THICKNESS
       VOLUMETRIC ANALYSIS
       WEIGHT (MASS)

VOLUMETRIC ANALYSIS
  0601
  GS   CHEMICAL TESTS
       .CHEMICAL ANALYSIS
       .#VOLUMETRIC ANALYSIS
  RT   ANALYTICAL CHEMISTRY
       GAS ANALYSIS
       QUANTITATIVE ANALYSIS
       VOLUME

VOLUMETRIC EFFICIENCY
  0301
  RT   ENERGY CONVERSION EFFICIENCY
       ENGINE DESIGN
       FUEL-AIR RATIO
       LASER OUTPUTS

VOLUMETRIC STRAIN
  3203
  GS   FATIGUE (MATERIALS)
       #VOLUMETRIC STRAIN
  RT   DEFORMATION
       STRUCTURAL STRAIN
       TEMPERATURE INVERSIONS

VOMITING
  0405 0408
  RT   MOTION SICKNESS
       NAUSEA

VON KARMAN EQUATION
  0101 1202 1203 3203
  GS   FLOW EQUATIONS
       #VON KARMAN EQUATION
  RT % EQUATIONS
       FLOW STABILITY
       KARMAN VORTEX STREET
       VORTEX BREAKDOWN
       VORTEX STREETS
       VORTICITY EQUATIONS

VON MISES THEORY
  USE  STRESS FUNCTIONS

VON ZEIPEL METHOD
  1901 3001 3003
  RT   EQUATIONS OF MOTION
       HAMILTONIAN FUNCTIONS
     % METHODOLOGY
       PERTURBATION THEORY

VOODOO AIRCRAFT
  USE  F-101 AIRCRAFT

VOR SYSTEMS
  USE  VHF OMNIRANGE NAVIGATION

VORTEX ADVISORY SYSTEM
  0101
  RT   AIR TRAFFIC CONTROL
       AIRCRAFT APPROACH SPACING
       AIRCRAFT WAKES
     % SYSTEMS
       TURBULENT WAKES
       VORTEX ALLEVIATION

VORTEX ALLEVIATION
  0101
  RT   AIRCRAFT WAKES
       DRAG DEVICES
       GUST ALLEVIATORS
       PROTUBERANCES
       RIBLETS
       SPOILERS
       VORTEX ADVISORY SYSTEM
       VORTICES
       WAKES
       WINGLETS

VORTEX AVOIDANCE
  0101
  GS   AVOIDANCE
       #VORTEX AVOIDANCE
  RT   AERODYNAMIC STABILITY
       AIR TRAFFIC CONTROL
       AIRCRAFT APPROACH SPACING
       AIRCRAFT LANDING
       BUFFETING
       GUSTS
       ROTATION
       SAFETY
       TURBULENT FLOW
       VORTICES
       WINGLETS

VORTEX BREAKDOWN
  0101 1202 1203
  RT   FLOW STABILITY
       TURBULENT FLOW
       VON KARMAN EQUATION
       VORTEX FLAPS

VORTEX COLUMNS
  USE  VORTICES

VORTEX DISTURBANCES
  USE  VORTICES

VORTEX FILAMENTS
  1203 3501
  RT % FILAMENTS
       FLOW STABILITY
       FLUID DYNAMICS
       HORSESHOE VORTICES
       TURBULENCE
       VORTEX IN CELL TECHNIQUE
       VORTICES

VORTEX FLAPS
  0102
  GS   AIRFOILS
       .FLAPS (CONTROL SURFACES)
       ..WING FLAPS
       ..#VORTEX FLAPS
       BRAKES (FOR ARRESTING MOTION)
       .AERODYNAMIC BRAKES
       ..WING FLAPS
       ..#VORTEX FLAPS
       CONTROL SURFACES
       .FLAPS (CONTROL SURFACES)
       ..WING FLAPS
       ..#VORTEX FLAPS
       DRAG DEVICES
       .AERODYNAMIC BRAKES
       ..WING FLAPS
       ..#VORTEX FLAPS
  RT   AERODYNAMIC DRAG
       JET FLAPS
       LEADING EDGE FLAPS
       LEADING EDGES
       LIFT AUGMENTATION
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        SEPARATED FLOW
        TRAILING EDGE FLAPS
        TRAILING EDGES
        VORTEX BREAKDOWN
        VORTICES
        WING LOADING

VORTEX  FLOW
  USE   VORTICES

VORTEX  GENERATION
  USE   VORTEX GENERATORS

VORTEX  GENERATORS
  1201  1202 1203 2502
  UF    VORTEX GENERATION
  RT    AIRFOIL FENCES
        BOUNDARY LAYER CONTROL
        BOUNDARY LAYER SEPARATION
      % GENERATORS
        HILSCH TUBES
        HORSESHOE VORTICES
        INLET FLOW
        VORTICES
        WING SLOTS

VORTEX  IN CELL TECHNIQUE
  1902  3501
  UF    VIC METHOD
  GS    ANALYSIS (MATHEMATICS)
        .NUMERICAL ANALYSIS
        ..APPROXIMATION
        ..#VORTEX IN CELL TECHNIQUE
  RT    COMPUTATIONAL FLUID DYNAMICS
        FAST FOURIER TRANSFORMATIONS
        FINITE DIFFERENCE THEORY
      % METHODOLOGY
        PARTICLE IN CELL TECHNIQUE
        POISSON EQUATION
        VORTEX FILAMENTS
        VORTICES

VORTEX  INJECTORS
  1201  1202 1203
  GS    INJECTORS
        #VORTEX INJECTORS

VORTEX  LATTICE METHOD
  RT    BOUNDARY CONDITIONS
        COMPUTATIONAL FLUID DYNAMICS
        FLOW VELOCITY
        FLUX VECTOR SPLITTING
        LATTICES (MATHEMATICS)
        PANEL METHOD (FLUID DYNAMICS)
        VORTICES

VORTEX  PRECESSION
  0101
  RT    FLOW VELOCITY
        FLOWMETERS
        PRECESSION
        VELOCITY MEASUREMENT
        VORTICES

VORTEX  RINGS
  0101  1202 1203
  RT    HORSESHOE VORTICES
      % RINGS
        TRAPPED VORTICES
        VORTICES

VORTEX  SHEDDING
  1701
  GS    FLUID MECHANICS
        .FLUID DYNAMICS
        .#VORTEX SHEDDING
  RT    SHEDDING
        VORTICES

VORTEX  SHEETS
  0101  1201 1202 1203 1204
  RT    AIRCRAFT DESIGN
        FLOW DISTRIBUTION
        ROTATING FLUIDS
      % SHEETS
        TURBULENT WAKES
        VORTICES
        VORTICITY

VORTEX  STREETS
  1202  1203 1204
  GS   #VORTEX STREETS
        .KARMAN VORTEX STREET
  RT    DISCONTINUITY
      % SHEETS
        TURBULENT WAKES
        VON KARMAN EQUATION
        VORTICES

VORTEX  TRAPS
  USE   TRAPPED VORTICES

VORTEX  TUBES
  USE   HILSCH TUBES
        VORTICES

VORTEX-BLADE INTERACTION
  USE   BLADE-VORTEX INTERACTION

VORTICES
  0101  1201 1202 2311
  UF    EDDIES
        ROTATIONAL FLOW
        VORTEX COLUMNS
        VORTEX DISTURBANCES
        VORTEX FLOW
        VORTEX TUBES
  GS   #VORTICES
        .HORSESHOE VORTICES
        .TRAPPED VORTICES
        .WING TIP VORTICES
  RT    ABRIKOSOV THEORY
        AGITATION
        BLADE-VORTEX INTERACTION
        CAVITATION FLOW
        COUNTERFLOW
      % DISTURBANCES
        DIVERGENCE
        FLOW DISTORTION
        FLOW STABILITY
        FLUID FLOW
        GOERTLER INSTABILITY
        HILSCH TUBES
        KOLMOGOROV THEORY
        METEOROLOGICAL SOLENOIDS
        MIXING
        PLANETARY WAVES
        RECIRCULATIVE FLUID FLOW
        ROTATING FLUIDS
        ROTATING LIQUIDS
        ROTATION
        SECONDARY FLOW
        STROUHAL NUMBER
        SUPERCONDUCTIVITY
        SUPERFLUIDITY
        THRUST DISTRIBUTION
        TURBULENCE
        TURBULENT FLOW
        TURBULENT MIXING
        VORTEX ALLEVIATION
        VORTEX AVOIDANCE
        VORTEX FILAMENTS
        VORTEX FLAPS
        VORTEX GENERATORS
        VORTEX IN CELL TECHNIQUE
        VORTEX LATTICE METHOD
        VORTEX PRECESSION
        VORTEX RINGS
        VORTEX SHEDDING
        VORTEX SHEETS
        VORTEX STREETS
        VORTICITY
        WAKES

VORTICITY
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  1202 1203 1204
  UF   ENSTROPHY
  GS   ALGEBRA
       .VECTOR SPACES
       ..VECTORS (MATHEMATICS)
       ..#VORTICITY
       ANALYSIS (MATHEMATICS)
       .CALCULUS
       ..VECTOR ANALYSIS
       ...CURL (VECTORS)
       ...#VORTICITY
       .REAL VARIABLES
       ..VECTOR ANALYSIS
       ...CURL (VECTORS)
       ...#VORTICITY
       GEOMETRY
       .VECTOR ANALYSIS
       ..CURL (VECTORS)
       ..#VORTICITY
  RT   ATMOSPHERIC CIRCULATION
       BELTRAMI FLOW
       CROCCO METHOD
       FLOW STABILITY
       HELMHOLTZ VORTICITY EQUATION
       HORSESHOE VORTICES
       POTENTIAL FLOW
       SECONDARY FLOW
       TRAPPED VORTICES
       TURBULENCE
       VORTEX SHEETS
       VORTICES

VORTICITY EQUATIONS
  1201 1203 1204 1902
  GS   ANALYSIS (MATHEMATICS)
       .REAL VARIABLES
       ..DIFFERENTIAL EQUATIONS
       ..#VORTICITY EQUATIONS
       ....HELMHOLTZ VORTICITY EQUATION
       FLOW EQUATIONS
       #VORTICITY EQUATIONS
       ..HELMHOLTZ VORTICITY EQUATION
  RT % EQUATIONS
       KARMAN VORTEX STREET
       VON KARMAN EQUATION

VORTICITY TRANSPORT HYPOTHESIS
  1202 1203 2308
  GS   HYPOTHESES
       #VORTICITY TRANSPORT HYPOTHESIS
  RT   CONSERVATION EQUATIONS
       EDDY CURRENTS
       MIXING LENGTH FLOW THEORY
       TURBULENT FLOW

VOSKHOD MANNED SPACECRAFT
  3104 3409
  GS   MANNED SPACECRAFT
       #VOSKHOD MANNED SPACECRAFT
       ..VOSKHOD 1 SPACECRAFT
       ..VOSKHOD 2 SPACECRAFT
       REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       .#VOSKHOD MANNED SPACECRAFT
       ...VOSKHOD 1 SPACECRAFT
       ...VOSKHOD 2 SPACECRAFT
       SOFT LANDING SPACECRAFT
       #VOSKHOD MANNED SPACECRAFT
       ..VOSKHOD 1 SPACECRAFT
       ..VOSKHOD 2 SPACECRAFT
  RT   SPACE CAPSULES

VOSKHOD 1 SPACECRAFT
  3104
  GS   MANNED SPACECRAFT
       .VOSKHOD MANNED SPACECRAFT
       .#VOSKHOD 1 SPACECRAFT
       REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       ..VOSKHOD MANNED SPACECRAFT
       ..#VOSKHOD 1 SPACECRAFT
       SOFT LANDING SPACECRAFT
       .VOSKHOD MANNED SPACECRAFT
       .#VOSKHOD 1 SPACECRAFT

VOSKHOD 2 SPACECRAFT
  3104
  GS   MANNED SPACECRAFT
       .VOSKHOD MANNED SPACECRAFT
       .#VOSKHOD 2 SPACECRAFT
       REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       ..VOSKHOD MANNED SPACECRAFT
       ..#VOSKHOD 2 SPACECRAFT
       SOFT LANDING SPACECRAFT
       .VOSKHOD MANNED SPACECRAFT
       .#VOSKHOD 2 SPACECRAFT

VOSTOK SPACECRAFT
  3104 3409
  GS   MANNED SPACECRAFT
       #VOSTOK SPACECRAFT
       ..VOSTOK 1 SPACECRAFT
       ..VOSTOK 2 SPACECRAFT
       ..VOSTOK 3 SPACECRAFT
       ..VOSTOK 4 SPACECRAFT
       ..VOSTOK 5 SPACECRAFT
       ..VOSTOK 6 SPACECRAFT
       REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       .#VOSTOK SPACECRAFT
       ...VOSTOK 1 SPACECRAFT
       ...VOSTOK 2 SPACECRAFT
       ...VOSTOK 3 SPACECRAFT
       ...VOSTOK 4 SPACECRAFT
       ...VOSTOK 5 SPACECRAFT
       ...VOSTOK 6 SPACECRAFT
       SOFT LANDING SPACECRAFT
       #VOSTOK SPACECRAFT
       ..VOSTOK 1 SPACECRAFT
       ..VOSTOK 2 SPACECRAFT
       ..VOSTOK 3 SPACECRAFT
       ..VOSTOK 4 SPACECRAFT
       ..VOSTOK 5 SPACECRAFT
       ..VOSTOK 6 SPACECRAFT
  RT   SPACE CAPSULES

VOSTOK 1 SPACECRAFT
  3104
  GS   MANNED SPACECRAFT
       .VOSTOK SPACECRAFT
       .#VOSTOK 1 SPACECRAFT
       REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       ..VOSTOK SPACECRAFT
       ..#VOSTOK 1 SPACECRAFT
       SOFT LANDING SPACECRAFT
       .VOSTOK SPACECRAFT
       .#VOSTOK 1 SPACECRAFT

VOSTOK 2 SPACECRAFT
  3104
  GS   MANNED SPACECRAFT
       .VOSTOK SPACECRAFT
       .#VOSTOK 2 SPACECRAFT
       REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       ..VOSTOK SPACECRAFT
       ..#VOSTOK 2 SPACECRAFT
       SOFT LANDING SPACECRAFT
       .VOSTOK SPACECRAFT
       .#VOSTOK 2 SPACECRAFT

VOSTOK 3 SPACECRAFT
  3104
  GS   MANNED SPACECRAFT
       .VOSTOK SPACECRAFT
       .#VOSTOK 3 SPACECRAFT
       REENTRY VEHICLES
       .RECOVERABLE SPACECRAFT
       ..VOSTOK SPACECRAFT
       ..#VOSTOK 3 SPACECRAFT
       SOFT LANDING SPACECRAFT
       .VOSTOK SPACECRAFT
       .#VOSTOK 3 SPACECRAFT
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VOSTOK 4 SPACECRAFT
  3104
  GS    MANNED SPACECRAFT
        .VOSTOK SPACECRAFT
        .#VOSTOK 4 SPACECRAFT
        REENTRY VEHICLES
        .RECOVERABLE SPACECRAFT
        ..VOSTOK SPACECRAFT
        ..#VOSTOK 4 SPACECRAFT
        SOFT LANDING SPACECRAFT
        .VOSTOK SPACECRAFT
        .#VOSTOK 4 SPACECRAFT

VOSTOK 5 SPACECRAFT
  3104
  GS    MANNED SPACECRAFT
        .VOSTOK SPACECRAFT
        .#VOSTOK 5 SPACECRAFT
        REENTRY VEHICLES
        .RECOVERABLE SPACECRAFT
        ..VOSTOK SPACECRAFT
        ..#VOSTOK 5 SPACECRAFT
        SOFT LANDING SPACECRAFT
        .VOSTOK SPACECRAFT
        .#VOSTOK 5 SPACECRAFT

VOSTOK 6 SPACECRAFT
  3104
  GS    MANNED SPACECRAFT
        .VOSTOK SPACECRAFT
        .#VOSTOK 6 SPACECRAFT
        REENTRY VEHICLES
        .RECOVERABLE SPACECRAFT
        ..VOSTOK SPACECRAFT
        ..#VOSTOK 6 SPACECRAFT
        SOFT LANDING SPACECRAFT
        .VOSTOK SPACECRAFT
        .#VOSTOK 6 SPACECRAFT

VOTING
  3403
  RT    GOVERNMENTS
        LAW (JURISPRUDENCE)
        MINORITIES
        POLITICS
        SOVEREIGNTY

VOWELS
  0702 3405
  RT    CONSONANTS (SPEECH)
        GRAMMARS
        LANGUAGES
        WORDS (LANGUAGE)

VOYAGER PROJECT
  3107 3108 3409 3007
  GS    PROGRAMS
        .NASA PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#VOYAGER PROJECT
        .PROJECTS
        .#VOYAGER PROJECT
        .SPACE PROGRAMS
        ..NASA SPACE PROGRAMS
        ..#VOYAGER PROJECT
  RT    MARS PROBES
        SATURN PROJECT
        SPACE PROBES
        UNMANNED SPACECRAFT
        VENUS PROBES

VOYAGER 1 SPACECRAFT
  3107 3007
  GS    INTERPLANETARY SPACECRAFT
        #VOYAGER 1 SPACECRAFT
        UNMANNED SPACECRAFT
        .SPACE PROBES
        .#VOYAGER 1 SPACECRAFT
  RT    FLYBY MISSIONS
        GRAND TOURS
        JUPITER (PLANET)
        JUPITER PROBES
        JUPITER RINGS
      % SPACECRAFT

VOYAGER 2 SPACECRAFT
  3107 3007
  GS    INTERPLANETARY SPACECRAFT
        #VOYAGER 2 SPACECRAFT
        UNMANNED SPACECRAFT
        .SPACE PROBES
        .#VOYAGER 2 SPACECRAFT
  RT    FLYBY MISSIONS
        GRAND TOURS
        JUPITER (PLANET)
        JUPITER PROBES
        NEPTUNE (PLANET)
        SATURN (PLANET)
      % SPACECRAFT
        URANUS (PLANET)

VOYAGER 1977 MISSION
  3107 3007
  GS    SPACE MISSIONS
        .FLYBY MISSIONS
        ..GRAND TOURS
        ..#VOYAGER 1977 MISSION
  RT    INTERPLANETARY SPACECRAFT
        JUPITER (PLANET)
        JUPITER PROBES
      % MISSIONS
        SOLAR SYSTEM
        SPACE PROBES

VOYAGEUR HELICOPTER
  USE   CH-46 HELICOPTER

VR (VIRTUAL REALITY)
  USE   VIRTUAL REALITY

VSAT (NETWORK)
  0701 0702 0905
  UF    VERY SMALL APERTURE TERMINALS
  GS    COMMUNICATION NETWORKS
        #VSAT (NETWORK)
        DATA PROCESSING EQUIPMENT
        .DATA PROCESSING TERMINALS
        .#VSAT (NETWORK)
        SATELLITE NETWORKS
        #VSAT (NETWORK)
  RT    ALOHA SYSTEM
        APERTURES
        ARPA COMPUTER NETWORK
        COMPUTER NETWORKS
        DATA LINKS
        DATA TRANSMISSION
        DISTRIBUTED PROCESSING
        EARTH TERMINALS
        INTERPROCESSOR COMMUNICATION
        LOCAL AREA NETWORKS
        MICROWAVE TRANSMISSION
        NEEDS (DATA SYSTEM)
        PERSONAL COMPUTERS
        RANDOM ACCESS
        SUPERHIGH FREQUENCIES
        TELECOMMUNICATION

VTOL
  USE   VERTICAL LANDING
        VERTICAL TAKEOFF

VTOL AIRCRAFT
  USE   VERTICAL TAKEOFF AIRCRAFT

VULCAN AIRCRAFT
  0207
  UF    AVRO 698 AIRCRAFT
  GS    ATTACK AIRCRAFT
        .BOMBER AIRCRAFT
        .#VULCAN AIRCRAFT
        HAWKER SIDDELEY AIRCRAFT
        #VULCAN AIRCRAFT
        JET AIRCRAFT
        #VULCAN AIRCRAFT
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      TAILLESS AIRCRAFT
      #VULCAN AIRCRAFT
  RT % AIRCRAFT
      AVRO 707 AIRCRAFT
      HARRIER AIRCRAFT

VULCANIZATES
  USE  VULCANIZED ELASTOMERS

VULCANIZED ELASTOMERS
  1809
  UF   GUM VULCANIZATES
       VULCANIZATES
  GS   RUBBER
       .SYNTHETIC RUBBERS
       ..ELASTOMERS
       ..#VULCANIZED ELASTOMERS
  RT   ADDITION RESINS
       POLYETHER RESINS
       THERMOPLASTIC RESINS
       VULCANIZING

VULCANIZING
  0602 1504 1808
  GS   CROSSLINKING
       #VULCANIZING
  RT   CURING
       VULCANIZED ELASTOMERS

VULNERABILITY
  1702 3401 3408
  GS  #VULNERABILITY
       .NUCLEAR VULNERABILITY
  RT   AIRCRAFT RELIABILITY
       AIRCRAFT SURVIVABILITY
       AIRPORT SECURITY
       DURABILITY
       INTEGRITY
       LIFE (DURABILITY)
       OBSTACLE AVOIDANCE
       PENETRATION
       PIERCING
       RELIABILITY
     % RESISTANCE
       SECURITY
       SENSITIVITY
       SPACECRAFT DEFENSE
       SPACECRAFT SURVIVABILITY
       STABILITY

VYCOR
  1801 1805
  GS   FIBERS
       .SYNTHETIC FIBERS
       .#VYCOR
       GLASS
       #VYCOR
       SEMICONDUCTORS (MATERIALS)
       #VYCOR
  RT   GLASS FIBERS
     % MATERIALS
       SILICON DIOXIDE

VZ-2 AIRCRAFT
  0209
  GS   BOEING AIRCRAFT
       #VZ-2 AIRCRAFT
       RESEARCH AIRCRAFT
       #VZ-2 AIRCRAFT
       TILT WING AIRCRAFT
       #VZ-2 AIRCRAFT
       V/STOL AIRCRAFT
       #VZ-2 AIRCRAFT
  RT % AIRCRAFT

VZ-8 AIRCRAFT
  0207 0209
  UF   AIRGEEP AIRCRAFT
  GS   LIGHT AIRCRAFT
       #VZ-8 AIRCRAFT
       PIASECKI AIRCRAFT
       #VZ-8 AIRCRAFT
       RESEARCH AIRCRAFT
       #VZ-8 AIRCRAFT
       V/STOL AIRCRAFT
       .VERTICAL TAKEOFF AIRCRAFT
       .#VZ-8 AIRCRAFT
  RT % AIRCRAFT
       FLYING PLATFORMS

VZ-10 AIRCRAFT
  USE  XV-4 AIRCRAFT

VZ-11 AIRCRAFT
  USE  XV-5 AIRCRAFT

VZ-12 AIRCRAFT
  USE  P-1127 AIRCRAFT

W STARS
  USE  WOLF-RAYET STARS

W WINGS
  USE  VARIABLE SWEEP WINGS

W-R STARS
  USE  WOLF-RAYET STARS

WABASH RIVER BASIN (IL-IN-OH)
  1305
  GS   LANDFORMS
       .STRUCTURAL BASINS
       ..RIVER BASINS
       ..#WABASH RIVER BASIN (IL-IN-OH)
  RT   ILLINOIS
       INDIANA
       OHIO
       RIVERS

WADIS
  1305 1306
  GS   LANDFORMS
       .STRUCTURAL BASINS
       ..RIVER BASINS
       ..#WADIS
  RT   ARID LANDS
       DESERTIFICATION
       RIVERS
       STREAMS
       TOPOGRAPHY
       VALLEYS
       WATER RUNOFF

WAFERS
  0903 0905 1002
  RT   MICROELECTRONICS
       MICROMINIATURIZATION
       MINIATURIZATION
       PHOTOMASKS
       SEMICONDUCTOR DEVICES
       SOLID STATE DEVICES
       THIN FILMS
       VERTICAL JUNCTION SOLAR CELLS

WAGE SURVEYS
  3406
  GS   REPORTS
       #WAGE SURVEYS
       SURVEYS
       #WAGE SURVEYS
  RT   COST ANALYSIS
       COST ESTIMATES
       COST REDUCTION
       EMPLOYEE RELATIONS
       FINANCE
       PERSONNEL

WAKEFULNESS
  0408 0502
  RT   ALERTNESS
       SLEEP DEPRIVATION

WAKES
  0101 0203 1202 2311
  GS  #WAKES
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.AIRCRAFT WAKES
..HELICOPTER WAKES
..SLIPSTREAMS
...PROPELLER SLIPSTREAMS
.HYPERSONIC WAKES
.LAMINAR WAKES
.NEAR WAKES
.SUPERSONIC WAKES
.TURBULENT WAKES
..SLIPSTREAMS
...PROPELLER SLIPSTREAMS
RT BACKWASH
BASE FLOW
BUBBLES
CAVITATION FLOW
CONTRAILS
DOWNWASH
% DRAFT
DRAG
GROUND EFFECT (AERODYNAMICS)
HORSESHOE VORTICES
STROUHAL NUMBER
TURBULENCE
VORTEX ALLEVIATION
VORTICES

WALES
1305
GS NATIONS
.UNITED KINGDOM
.#WALES
RT EUROPE

WALKING
0404
GS LOCOMOTION
#WALKING
RT PHYSICAL EXERCISE

WALKING MACHINES
0506 1504
GS SURFACE VEHICLES
#WALKING MACHINES
RT ASTRONAUT MANEUVERING EQUIPMENT
LUNAR SURFACE VEHICLES
% MACHINERY
MANNED LUNAR SURFACE VEHICLES
PROSTHETIC DEVICES

WALL FLOW
1201 1202 1203 2502 3203
GS FLUID FLOW
#WALL FLOW
RT BOUNDARY LAYER FLOW
CHANNEL FLOW
CONICAL FLOW
DISCHARGE COEFFICIENT
DUCTED FLOW
GOERTLER INSTABILITY
HEAT TRANSMISSION
MANNING THEORY
TWO DIMENSIONAL FLOW
TWO DIMENSIONAL JETS

WALL JETS
1201 1202 1203
RT FLUID AMPLIFIERS
JET BOUNDARIES
JET FLOW
JET VANES
% JETS

WALL PRESSURE
1201 1202 1203 1408 3203 3501
GS PRESSURE
#WALL PRESSURE
RT BOUNDARY LAYERS
PRESSURE DISTRIBUTION
PRESSURE VESSELS
THICK WALLS

WALL TEMPERATURE
1408 3203 3303 3501
GS SURFACE PROPERTIES
.SURFACE TEMPERATURE
.#WALL TEMPERATURE
TEMPERATURE
.SURFACE TEMPERATURE
.#WALL TEMPERATURE
RT OPERATING TEMPERATURE
THICK WALLS

WALLOPS ISLAND
1305
GS LANDFORMS
.ISLANDS
.#WALLOPS ISLAND
RT ATLANTIC OCEAN
VIRGINIA

WALLS
1106 2311 3202 3203
UF COLD WALLS
GS #WALLS
.BULKHEADS
.NOZZLE WALLS
.POROUS WALLS
.THICK WALLS
.THIN WALLS
.TROMBE WALLS
.WIND TUNNEL WALLS
RT % BARRIERS
BUILDINGS
CURTAINS
ENCLOSURES
FLOORS
GATES (OPENINGS)
HOUSINGS
LIMITERS (FUSION REACTORS)
PANELS
PARTITIONS (STRUCTURES)
SANDWICH STRUCTURES
SHEATHS
SHELLS (STRUCTURAL FORMS)
SIDES
STUDS (STRUCTURAL MEMBERS)
SUBSTRUCTURES
TILES

WALSH FUNCTION
1411 1902
GS FUNCTIONS (MATHEMATICS)
.ORTHOGONAL FUNCTIONS
.#WALSH FUNCTION
RT FAST FOURIER TRANSFORMATIONS
FOURIER TRANSFORMATION
FUNCTIONAL ANALYSIS
MATRICES (MATHEMATICS)

WANKEL ENGINES
1504 2801
GS ENGINES
.INTERNAL COMBUSTION ENGINES
..ROTARY ENGINES
..#WANKEL ENGINES
RT AIRCRAFT ENGINES
AUTOMOBILE ENGINES
PISTON ENGINES

WAR GAMES
0804 1902 3401
RT DIGITAL SIMULATION
GAME THEORY
MATHEMATICAL MODELS
OPERATIONS RESEARCH
SIMULATION

WARFARE
3401 3403
GS #WARFARE
.ANTISHIP WARFARE
.ANTISUBMARINE WARFARE
.CHEMICAL WARFARE
.COMBAT
.ELECTRONIC WARFARE

.NUCLEAR WARFARE
RT ATTACKING (ASSAULTING)
B-1 AIRCRAFT
CHEMICAL DEFENSE
EVASIVE ACTIONS
INFILTRATION
INTERNATIONAL LAW
ORDNANCE
PEACETIME
POLITICS
STRATEGY
VIOLENCE

WARHEADS
2205 3302 3401
GS WEAPONS
#WARHEADS
..NUCLEAR WARHEADS
..PRECISION GUIDED PROJECTILES
RT AMMUNITION
ANTISHIP WARFARE
BOMBS (ORDNANCE)
EXPLOSIVE DEVICES
EXPLOSIVES
% FUSES
FUSES (ORDNANCE)
MISSILE COMPONENTS
MISSILES
NOSE CONES
NUCLEAR DEVICES
NUCLEAR WEAPONS
PAYLOADS
PROJECTILES
% ROCKETS
SHAPED CHARGES
TORPEDOES

WARM BLOODED ANIMALS
USE HOMEOTHERMS

WARM FRONTS
2003 2006
GS FRONTS (METEOROLOGY)
#WARM FRONTS
RT AIR MASSES
COLD FRONTS
% FRONTS
METEOROLOGICAL PARAMETERS
METEOROLOGY
STORMS
SYNOPTIC METEOROLOGY
THUNDERSTORMS
TORNADOES
WEATHER FORECASTING

WARMING
USE HEATING

WARNING
0702 0705 3401
RT ACCIDENT PREVENTION
AUDITORY SIGNALS
BELLS
CIVIL DEFENSE
COLLISION AVOIDANCE
DETECTION
% DETECTORS
EARLY WARNING SYSTEMS
FIRE PREVENTION
HORNS
MINE DETECTORS
MONITORS
PROTECTION
SAFETY
SAFETY DEVICES

WARNING DEVICES
USE WARNING SYSTEMS

WARNING SIGNALS
USE WARNING SYSTEMS

WARNING STAR AIRCRAFT
USE EC-121 AIRCRAFT

WARNING SYSTEMS
0506 0702 0705 0905 3401
UF ALARMS
COLLISION WARNING DEVICES
WARNING DEVICES
WARNING SIGNALS
GS #WARNING SYSTEMS
.EARLY WARNING SYSTEMS
..BALLISTIC MISSILE EARLY WARNING SYSTEM
.MINE DETECTORS
RT ACCIDENT PREVENTION
AUDITORY SIGNALS
AVOIDANCE
BELLS
CIVIL DEFENSE
COLLISION AVOIDANCE
DETECTION
% DETECTORS
DISPLAY DEVICES
EXPLOSIONS
FALSE ALARMS
FIRE PREVENTION
FIRES
GAS DETECTORS
HAZARDS
HEAD-UP DISPLAYS
HORNS
MONITORS
NATIONAL SEVERE STORMS PROJECT
POLLUTION MONITORING
PROTECTION
PUBLIC ADDRESS SYSTEMS
SAFETY
SAFETY DEVICES
SAFETY MANAGEMENT
SANITATION
SIRENS
SOUND GENERATORS
% SYSTEMS
THREAT EVALUATION

WARPAGE
3203
RT BENDING
BUCKLING
CAMBER
DAMAGE
DEFORMATION
DISTORTION
GROWTH
HEAVING
PLASTIC DEFORMATION
SHRINKAGE
STRUCTURAL STRAIN
SURFACE DISTORTION
THERMAL EXPANSION
TWISTING

% WASHERS
1504
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT WASHERS (CLEANERS)
WASHERS (SPACERS)

WASHERS (CLEANERS)
1504
RT CLEANERS
CONCENTRATORS
EXTRACTION
SEPARATORS
% WASHERS
WASHING

WASHERS (SPACERS)
1504
GS FASTENERS
#WASHERS (SPACERS)

RT INSERTS
SEPARATORS
SPACERS
% WASHERS

WASHING
0602 1407
UF SCRUBBING
GS CLEANING
#WASHING
..BATHING
RT BENEFICIATION
DECONTAMINATION
DISSOLVING
DISTILLATION
ELUTION
FLUSHING
HOUSEKEEPING (SPACECRAFT)
PURIFICATION
SCRUBBERS
% SEPARATION
WASHERS (CLEANERS)
WASTE WATER

WASHINGTON
1305
GS NATIONS
.UNITED STATES
.#WASHINGTON
RT CASCADE RANGE (CA-OR-WA)
COLUMBIA RIVER BASIN (ID-OR-WA)

WASHOUT (RADIOACTIVITY)
USE FALLOUT

WASP SOUNDING ROCKET
3108
UF HIGH ALTITUDE SOUNDING PROJECTILE
WINDOW ATMOSPHERE SOUNDING
PROJECTILE
GS ROCKET VEHICLES
.MULTISTAGE ROCKET VEHICLES
.#WASP SOUNDING ROCKET
.SOUNDING ROCKETS
.#WASP SOUNDING ROCKET
RT LOKI ROCKET VEHICLE
SOLID PROPELLANT ROCKET ENGINES

WASPALOY
1501 1701 1704
GS ALLOYS
.HEAT RESISTANT ALLOYS
.#WASPALOY
.NICKEL ALLOYS
.#WASPALOY
RT CHROMIUM ALLOYS
COBALT ALLOYS
WROUGHT ALLOYS

WASTE DISPOSAL
0505 0602 2202 3404
GS DISPOSAL
#WASTE DISPOSAL
..COMPOSTING
..HAZARDOUS MATERIAL DISPOSAL (IN SPACE)
RT AIR POLLUTION
DEEP WELL INJECTION (WASTES)
DEWATERING
DILUTION
DISSIPATION
DRAINAGE
EFFLUENTS
ELIMINATION
ENVIRONMENT EFFECTS
ENVIRONMENT POLLUTION
ENVIRONMENT PROTECTION
ENVIRONMENTAL CHEMISTRY
ENVIRONMENTAL ENGINEERING
ENVIRONMENTAL SURVEYS
EXHAUST GASES
EXHAUST SYSTEMS
GARBAGE
HUMAN WASTES
INCINERATORS
INDUSTRIAL WASTES
LANDFILLS
MANURES
MATERIALS HANDLING
METABOLIC WASTES
MINES (EXCAVATIONS)
MODULAR INTEGRATED UTILITY SYSTEM
PIPELINES
PLASMA CORE REACTORS
POLLUTION
PONDS
RADIOACTIVE WASTES
SANITATION
SEWAGE
SEWAGE TREATMENT
SEWERS
SOLID WASTES
SPACE FLIGHT FEEDING
% STORAGE
SUMPS
TOILETS
UTILITIES
WASTES
WATER POLLUTION

WASTE ENERGY UTILIZATION
0301 0602 1503 2205 2304 3301 3303
3304
GS UTILIZATION
#WASTE ENERGY UTILIZATION
RT BOILERS
BURNERS
CHIMNEYS
COGENERATION
ENERGY CONVERSION
EXHAUST GASES
FURNACES
HEAT TRANSFER
HEATING
INCINERATORS
LIGHTING EQUIPMENT
OVENS
SOLID WASTES
SPACE HEATING (BUILDINGS)
WASTE HEAT
WASTES

WASTE HEAT
3301
RT ENERGY TECHNOLOGY
HEAT EXCHANGERS
HEAT PUMPS
WASTE ENERGY UTILIZATION

WASTE TREATMENT
0505
GS #WASTE TREATMENT
.SEWAGE TREATMENT
RT BACTERIA
COMPOSTING
GARBAGE
RESIDUES
SLUDGE
% TREATMENT
WASTES

WASTE UTILIZATION
0505 0602 3404
GS UTILIZATION
#WASTE UTILIZATION
RT BIOMASS ENERGY PRODUCTION
COMPOSTING
HYDROCARBON FUEL PRODUCTION
INDUSTRIAL WASTES
LANDFILLS
MANURES
SOLID WASTES
WASTES

WASTE WATER

```
  3404
  GS   WASTES
       .LIQUID WASTES
       .#WASTE WATER
       WATER
       #WASTE WATER
  RT   BATHING
       CLEANING
       FLUSHING
       INDUSTRIAL WASTES
       RESIDUES
       WASHING
       WATER COOLED REACTORS

WASTES
  0505 3104
  GS  #WASTES
       .GARBAGE
       .INDUSTRIAL WASTES
       .LIQUID WASTES
       ..URINE
       ..WASTE WATER
       .MANURES
       .METABOLIC WASTES
       ..HUMAN WASTES
       ...FECES
       ...URINE
       .RADIOACTIVE WASTES
       .SEWAGE
       ..SOLID WASTES
  RT   ACTIVATED SLUDGE
       AIR POLLUTION
       BENEFICIATION
       BY-PRODUCTS
       COMBUSTION PRODUCTS
       CONTAMINANTS
       DEBRIS
       EFFLUENTS
       ENVIRONMENT EFFECTS
       EXHAUST GASES
       FOREST FIRES
       FUMES
       GAS RECOVERY
       IMPURITIES
       LEAKAGE
       LOSSES
       NONPOINT SOURCES
       ORGANIC WASTES (FUEL CONVERSION)
       POLLUTION
       RESIDUES
       SCRAP
       SEWERS
       SLAGS
       SLUDGE
       WASTE DISPOSAL
       WASTE ENERGY UTILIZATION
       WASTE TREATMENT
       WASTE UTILIZATION

WATCHES
  USE  CLOCKS

WATER
  0505 1204 1308 1804 2003
  GS  #WATER
       .COLD WATER
       .DEEP WATER
       .FRESH WATER
       .HEAVY WATER
       .INLAND WATERS
       ..GROUND WATER
       .LIGHT WATER
       .NEARSHORE WATER
       ..COASTAL WATER
       .POLYWATER
       .POTABLE WATER
       .SEA WATER
       .SHALLOW WATER
       .SHOALS
       .SPRINGS (WATER)
       .SURFACE WATER
       .VADOSE WATER
       .WASTE WATER
  RT   AQUIFERS
       ARROYOS
       BAY ICE
       BODY FLUIDS
       CAVITATION FLOW
       FIORDS
       HUMIDITY
       HYDRATES
     % HYDRAULICS
       HYDRODYNAMICS
       HYDROGEN BONDS
       HYDROGEN COMPOUNDS
       HYDROLOGY
       HYDROMECHANICS
       HYDROSTATICS
       ICE
       ISTHMUSES
       LAKE ERIE
       LAKE HURON
       LAKE ICE
       LAKE MICHIGAN
       LAKE ONTARIO
       LAKE SUPERIOR
       LATERITES
       LIFE SUPPORT SYSTEMS
       LIMNOLOGY
       LIQUIDS
       MODERATORS
       MOISTURE
       MOISTURE CONTENT
       MUSKEGS
       OXIDES
       PENINSULAS
       POLLUTION
       PRECIPITATION (METEOROLOGY)
       RUNWAY CONDITIONS
       SLUSH
       SOUNDS (TOPOGRAPHIC FEATURES)
       STEAM
       STRAITS
       UTILITIES
       WATER SPLITTING
       WATERSHEDS
       WHARVES
       WINDPOWERED PUMPS

WATER BALANCE
  0404 0408 2001 2003
  GS   MATERIAL BALANCE
       #WATER BALANCE
  RT   BODY FLUIDS
       EDEMA
     % EQUILIBRIUM
       HOMEOSTASIS
       HYDROMETEOROLOGY
       LYSIMETERS
       OSMOSIS
       URINATION

WATER CIRCULATION
  1204 1306 1310
  GS   CIRCULATION
       #WATER CIRCULATION
       ..WATER CURRENTS
       ...OCEAN CURRENTS
       ....COASTAL CURRENTS
       ....EL NINO
       ....GULF STREAM
       ....LOMONOSOV CURRENT
  RT   LAKES
       OCEANOGRAPHY
       POLLUTION TRANSPORT
       WIND EFFECTS

WATER COLOR
  1306 1310
  GS   ELECTROMAGNETIC PROPERTIES
       .OPTICAL PROPERTIES
       ..COLOR
       ..#WATER COLOR
  RT   COASTAL ZONE COLOR SCANNER
       LAKES
```

```
      OCEAN COLOR SCANNER
      OCEANS
      RIVERS

WATER CONSUMPTION
  0404 0408 2003
  GS  CONSUMPTION
      #WATER CONSUMPTION
  RT  DROUGHT
      IRRIGATION
      SEEPAGE

WATER CONTENT
  USE MOISTURE CONTENT

WATER COOLED REACTORS
  2203 2204 3303
  UF  PHYSICAL CONSTANTS TESTING REACTOR
  GS  NUCLEAR REACTORS
      .LIQUID COOLED REACTORS
      .#WATER COOLED REACTORS
      ...BOILING WATER REACTORS
      ....EXPERIMENTAL BOILING WATER
          REACTORS
      ....HALDEN BOILING WATER REACTOR
      ....LOS ALAMOS WATER BOILER REACTOR
      ....PATHFINDER NUCLEAR REACTOR
      ....SPERT REACTORS
      ...HEAVY WATER REACTORS
      ....HEAVY WATER COMPONENTS TEST
          REACTORS
      ....PLUTONIUM RECYCLE TEST REACTOR
      ....ZERO POWER REACTOR 2
      ...LIGHT WATER REACTORS
      ...NRX REACTORS
      ...PLUM BROOK REACTOR
      ...PRESSURIZED WATER REACTORS
      ....SPECTRAL SHIFT CONTROL REACTOR
      ...SWIMMING POOL REACTORS
      ...ZERO POWER REACTORS
      ....ZERO POWER REACTOR 2
      ....ZERO POWER REACTOR 3
      ....ZERO POWER REACTOR 6
      ....ZERO POWER REACTOR 9
  RT  CHEMICAL REACTORS
      NUCLEAR ENGINE FOR ROCKET VEHICLES
    % REACTORS
      WASTE WATER

WATER COOLING
  USE LIQUID COOLING

WATER CURRENTS
  1204 1310
  UF  CURRENTS (OCEANOGRAPHY)
  GS  CIRCULATION
      .WATER CIRCULATION
      .#WATER CURRENTS
      ...OCEAN CURRENTS
      ....COASTAL CURRENTS
      ....EL NINO
      ....GULF STREAM
      ....LOMONOSOV CURRENT
  RT  ARROYOS
    % CURRENTS
      OCEANOGRAPHY
      RAPIDS
      SEA ROUGHNESS
      SEA STATES
      SURFACE WAVES
      TIDES
      UPSTREAM

WATER CYCLE (HYDROLOGY)
  USE HYDROLOGICAL CYCLE

WATER DEPRIVATION
  0505 0506
  GS  DEPRIVATION
      #WATER DEPRIVATION

WATER DEPTH
  1306 1310
  RT  CNOIDAL WAVES
      COASTAL WATER
      LAKES
      NEARSHORE WATER
      OCEANS
      SHALLOW WATER
      SHOALS

WATER EROSION
  2003
  GS  EROSION
      #WATER EROSION
  RT  ARROYOS
      CANYONS
      DRAINAGE PATTERNS
      FLOOD DAMAGE
      RAIN IMPACT DAMAGE
      RAVINES
      SOIL EROSION
      WIND EROSION

WATER FLOW
  1202 1204 3303 3501
  GS  FLUID FLOW
      .LIQUID FLOW
      .#WATER FLOW
  RT  ALLUVIUM
      CANALS
      DRAINAGE
      DRAINAGE PATTERNS
      FLOOD DAMAGE
      FLOODS
      FLOW MEASUREMENT
      GREAT LAKES (NORTH AMERICA)
      GROUND WATER
    % HYDRAULICS
      HYDRODYNAMICS
      HYDROLOGY MODELS
      OPEN CHANNEL FLOW
      PIPE FLOW
      RAPIDS
      WATERSHEDS

WATER HAMMER
  1202 1204
  RT  HYDRAULIC EQUIPMENT
      HYDRODYNAMICS
      PIPE FLOW
      PIPELINES
      RAMS (PUMPS)
      SURGES
      VALVES

WATER HEATING
  0504
  GS  HEATING
      #WATER HEATING
  RT  DOMESTIC ENERGY
      GEOTHERMAL ENERGY EXTRACTION
      HEAT EXCHANGERS
    % HEATERS
      HEATING EQUIPMENT
      RESIDENTIAL ENERGY
      TEMPERATURE CONTROL

WATER IMMERSION
  1202
  RT  BATHS
      LIQUID COOLING
      QUENCHING (COOLING)
      SINKING
    % SOAKING
      SUBMERGED BODIES
      SUBMERGING
      UNDERWATER TESTS

WATER INJECTION
  0702 1204 3104
  GS  INJECTION
      .FLUID INJECTION
      ..LIQUID INJECTION
      ..#WATER INJECTION
```

```
  RT   GAS INJECTION
       PERFORATING
       THRUST AUGMENTATION

% WATER INTAKES
  0404 0408 0505
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   AIR INTAKES
       INTAKE SYSTEMS
       MANIFOLDS
       NOSE INLETS
       PLENUM CHAMBERS
       SCOOPS
       SIDE INLETS

WATER JETS
  USE  HYDRAULIC JETS

WATER LANDING
  0203 3105
  GS   LANDING
       #WATER LANDING
       ..DITCHING (LANDING)
  RT   AIRCRAFT LANDING
       CRASH LANDING
       GLIDE LANDINGS
       HARD LANDING
       HORIZONTAL SPACECRAFT LANDING
       HYDROPLANING
       PLANETARY LANDING
       SOFT LANDING
       SPACECRAFT LANDING
       SPACECRAFT RECOVERY
       SPLASHING
       TOUCHDOWN

WATER LOSS
  0603 2003
  RT   DEHYDRATION
       DRYING
       EVAPORATION
       LOSSES

WATER MANAGEMENT
  0505 3404
  GS   MANAGEMENT
       #WATER MANAGEMENT
  RT   CONSERVATION
       DROUGHT
       ENVIRONMENT MANAGEMENT
       FLOODS
       HYDROLOGY
       LAKE ERIE
       LAKE HURON
       LAKE MICHIGAN
       LAKE ONTARIO
       LAKE SUPERIOR
       LIMNOLOGY
       POTABLE WATER
       PYRAMID LAKE (NV)
       WATERSHEDS

WATER MASERS
  1601
  GS   EMISSION
       #WATER MASERS
       STIMULATED EMISSION DEVICES
       .MASERS
       .#WATER MASERS
  RT   GAS LASERS
       GAS MASERS
       INTERSTELLAR MASERS
       MASER OUTPUTS

WATER MODERATED REACTORS
  2203 2204
  GS   NUCLEAR REACTORS
       #WATER MODERATED REACTORS
       ..EXPERIMENTAL BOILING WATER
         REACTORS
       ..HEAVY WATER COMPONENTS TEST
         REACTORS
       ..PLUTONIUM RECYCLE TEST REACTOR
  RT   LIGHT WATER REACTORS

WATER POLLUTION
  0411 0505 0504
  GS   POLLUTION
       .ENVIRONMENT POLLUTION
       .#WATER POLLUTION
       ...OIL POLLUTION
  RT   ALGAE
       ALKALINITY
       BIOCHEMICAL OXYGEN DEMAND
       CLEAN ENERGY
       CONTAMINATION
       DROUGHT
       ENVIRONMENT EFFECTS
       ENVIRONMENT PROTECTION
       ENVIRONMENTAL CHEMISTRY
       ENVIRONMENTAL QUALITY
       ENVIRONMENTAL SURVEYS
       INLAND WATERS
       LANDFILLS
       LIMNOLOGY
       LYSIMETERS
       MARINE RESOURCES
       OIL SLICKS
       PHYTOPLANKTON
       POLLUTION MONITORING
       POLLUTION TRANSPORT
       PURITY
       THERMAL POLLUTION
       WASTE DISPOSAL

WATER PRESSURE
  1202 1204 1408
  GS   PRESSURE
       .FLUID PRESSURE
       .#WATER PRESSURE
  RT % HYDRAULICS
       HYDRODYNAMICS
       HYDROSTATIC PRESSURE
       HYDROSTATICS
       INLET PRESSURE
       PIPE FLOW

WATER PURIFICATION
  USE  WATER TREATMENT

WATER QUALITY
  1306 1308
  GS   QUALITY
       .ENVIRONMENTAL QUALITY
       .#WATER QUALITY
  RT   ALKALINITY
       ENVIRONMENT EFFECTS

WATER RECLAMATION
  0505 0602
  UF   WATER RECOVERY
  GS   RECLAMATION
       .MATERIALS RECOVERY
       .#WATER RECLAMATION
  RT   CONSERVATION
       DEWATERING
       DROUGHT
       POLLUTION

WATER RECOVERY
  USE  WATER RECLAMATION

WATER RESOURCES
  0505 1306 3404
  GS   RESOURCES
       .EARTH RESOURCES
       .#WATER RESOURCES
       ...AQUIFERS
  RT   ENVIRONMENT EFFECTS
       ENVIRONMENT MANAGEMENT
       GREAT LAKES (NORTH AMERICA)
       GROUND WATER
       HYDROLOGY
```

INLAND WATERS
INTERNATIONAL HYDROLOGICAL DECADE
LAKES
LIMNOLOGY
OCEANS
PONDS
POTABLE WATER
PRECIPITATION (METEOROLOGY)
PYRAMID LAKE (NV)
RAINMAKING
RESERVOIRS
SEA WATER
UNDERWATER RESOURCES
WETLANDS
WINDPOWERED PUMPS

WATER RUNOFF
1306
RT DRAINAGE
GROUND WATER
INLAND WATERS
RESOURCES MANAGEMENT
RIVERS
WADIS

WATER SPLITTING
0301
RT ELECTROLYSIS
HYDROGEN FUELS
HYDROGEN PRODUCTION
SPLITTING
THERMOCHEMISTRY
WATER

WATER TABLES
1306 1308
RT AQUIFERS
DRAINAGE
GROUND WATER
POTABLE WATER
SPRINGS (WATER)
VADOSE WATER
WATERSHEDS

WATER TAKEOFF AND LANDING AIRCRAFT
0201
GS #WATER TAKEOFF AND LANDING AIRCRAFT
.SEAPLANES
RT % AIRCRAFT
AMPHIBIOUS AIRCRAFT
ANTISUBMARINE WARFARE AIRCRAFT
COMMERCIAL AIRCRAFT
GROUND EFFECT MACHINES
HOVERCRAFT GROUND EFFECT MACHINES
LIGHT AIRCRAFT
MONOPLANES
PASSENGER AIRCRAFT
RECONNAISSANCE AIRCRAFT
S-61 HELICOPTER
SEA LAUNCHING
SUBMERSIBLE AIRCRAFT
% SUBSONIC AIRCRAFT
TRANSPORT AIRCRAFT
UTILITY AIRCRAFT

WATER TEMPERATURE
2003 2311 3303 3304 3408
GS TEMPERATURE
#WATER TEMPERATURE
..OCEAN TEMPERATURE
...SEA SURFACE TEMPERATURE
RT SURFACE TEMPERATURE
TEMPERATURE DISTRIBUTION
THERMAL POLLUTION

WATER TREATMENT
0505 0602 3404
UF WATER PURIFICATION
RT ACTIVATED CARBON
ADSORPTION
AERATION
AGITATION
BENTONITE
BIOCHEMICAL OXYGEN DEMAND
CHLORINATION
COAGULATION
CONTAMINANTS
CORROSION PREVENTION
DEMINERALIZING
DESALINIZATION
FILTRATION
FLOCCULATING
FLOTATION
ION EXCHANGING
MATERIAL ABSORPTION
POLLUTION
POTABLE WATER
PURIFICATION
% SCREENING
SETTLING
SEWAGE
% TREATMENT

WATER TUNNEL TESTS
1204
RT AIR WATER INTERACTIONS
CROSS FLOW
FLOW DISTRIBUTION
FLOW VISUALIZATION
STRAKES
% TESTS
WATER WAVES
WIND TUNNEL TESTS

WATER TUNNELS
USE HYDRAULIC TEST TUNNELS

WATER VAPOR
1203 1204 2003
GS VAPORS
#WATER VAPOR
RT ATMOSPHERIC MOISTURE
DEW
HUMIDITY
MIXING RATIOS
MOISTURE
MOISTURE CONTENT
STEAM

WATER VEHICLES
1204
GS #WATER VEHICLES
.BOATS
..LIFEBOATS
.CAPTURED AIR BUBBLE VEHICLES
.SHIPS
..ADVANCED RANGE INSTRUMENTATION SHIP
..AIRCRAFT CARRIERS
..CARGO SHIPS
...SAVANNAH NUCLEAR SHIP
...TANKER SHIPS
..NUCLEAR POWERED SHIPS
...SAVANNAH NUCLEAR SHIP
..SATELLITE COMMUNICATIONS SHIPS
..SUBMARINES
...BALLISTIC MISSILE SUBMARINES
...GUIDED MISSILE SUBMARINES
...TRIDENT SUBMARINE
..SURFACE EFFECT SHIPS
..SWATH (SHIP)
.UNDERWATER VEHICLES
..SUBMARINES
...BALLISTIC MISSILE SUBMARINES
...GUIDED MISSILE SUBMARINES
...TRIDENT SUBMARINE
..UNDERWATER RESEARCH LABORATORIES
RT AMPHIBIOUS VEHICLES
HARBORS
MARINE TRANSPORTATION
% MILITARY VEHICLES
RESEARCH VEHICLES
SHIPYARDS
SURFACE VEHICLES
% VEHICLES

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WATER WAVES
  1204 1310
  GS  #WATER WAVES
       .TIDAL WAVES
  RT   BREAKWATERS
       CAPILLARY WAVES
       CNOIDAL WAVES
       ELASTOHYDRODYNAMICS
       FRONTAL WAVES
       GRAVITY WAVES
       HYDRODYNAMIC COEFFICIENTS
       LITTORAL TRANSPORT
       OCEAN DYNAMICS
       RIPPLES
       SEA ROUGHNESS
       SEA STATES
       SURFACE WAVES
       TSUNAMI WAVES
       WATER TUNNEL TESTS
       WATERWAVE ENERGY
       WATERWAVE ENERGY CONVERSION
       WATERWAVE POWERED MACHINES
     % WAVES

WATER WHEELS
  0902 0904 2304
  GS   WHEELS
       #WATER WHEELS
  RT   HYDROELECTRIC POWER STATIONS
       TURBINE WHEELS

WATERFOWL
  0402
  GS   ANIMALS
       .VERTEBRATES
       ..BIRDS
       ..#WATERFOWL
  RT   BEACHES
       COASTAL ECOLOGY
       MARINE BIOLOGY
       MARINE ENVIRONMENTS
       MARSHLANDS
       MIGRATION
       OCEANOGRAPHY
       WETLANDS

WATERPROOFING
  0508 0602 1802
  RT   BARRIER LAYERS
       CAULKING
       COATINGS
       INSULATION
       MOISTURE RESISTANCE
       PROTECTIVE COATINGS
       SEALING
       WEATHERPROOFING

WATERSHEDS
  1301 1308
  UF   CATCHMENT AREAS
  GS   LANDFORMS
       .STRUCTURAL BASINS
       .#WATERSHEDS
  RT   DIVIDES (LANDFORMS)
       DRAINAGE PATTERNS
       FLOOD CONTROL
       FLOODS
       HYDROGEOLOGY
       HYDROLOGY
       INTERNATIONAL HYDROLOGICAL DECADE
       MISSOURI RIVER BASIN (US)
       MOUNTAINS
       PONDS
       PRECIPITATION (METEOROLOGY)
       RAIN
       RIVER BASINS
       RIVERS
       STORMS (METEOROLOGY)
       VALLEYS
       WATER
       WATER FLOW
       WATER MANAGEMENT
       WATER TABLES

WATERWAVE ENERGY
  0301 1310 2308 2311
  RT   CLEAN ENERGY
       EARTH RESOURCES
     % ENERGY
       OCEANOGRAPHY
       TIDEPOWER
       WATER WAVES
     % WAVES

WATERWAVE ENERGY CONVERSION
  1301 1302 1310
  GS   ENERGY CONVERSION
       #WATERWAVE ENERGY CONVERSION
  RT % CONVERSION
       EARTH RESOURCES
       ENERGY CONVERSION EFFICIENCY
     % ENERGY SOURCES
       OCEAN CURRENTS
       OCEAN SURFACE
       OCEANOGRAPHY
       OCEANS
       SEA ROUGHNESS
       TIDE POWERED GENERATORS
       TIDE POWERED MACHINES
       TIDEPOWER
       TIDES
       WATER WAVES

WATERWAVE POWERED MACHINES
  1310 1504 2318 3404
  RT % MACHINERY
       OCEAN CURRENTS
       OCEAN SURFACE
       SEA ROUGHNESS
       TIDE POWERED GENERATORS
       TIDE POWERED MACHINES
       TIDEPOWER
       TIDES
       WATER WAVES

WATERWAYS
  1103
  GS  #WATERWAYS
       .CANALS
       .HARBORS
       ..ARTIFICIAL HARBORS
  RT   LAKES
       RIVERS
       STRAITS

WATTMETERS
  0904 0905 1406
  GS   MEASURING INSTRUMENTS
       #WATTMETERS
  RT   ELECTRICAL MEASUREMENT
       ELECTROMETERS

WAVE AMPLIFICATION
  0703 0710
  GS   AMPLIFICATION
       #WAVE AMPLIFICATION
  RT   BAROCLINIC WAVES
       ELECTROMAGNETIC RADIATION
     % WAVES

WAVE ATTENUATION
  0710 1202 2306 2309 2312 2502
  GS   ATTENUATION
       #WAVE ATTENUATION
       ..ACOUSTIC ATTENUATION
       ...SHOCK WAVE ATTENUATION
       ..RADAR ATTENUATION
       ..RADIO ATTENUATION
  RT   ATMOSPHERIC ATTENUATION
       ELECTROMAGNETIC ABSORPTION
       ELECTROMAGNETIC MISSILES
       INFRARED ABSORPTION
       RADAR TRANSMISSION
       RADIO TRANSMISSION
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        SHOCK WAVE PROPAGATION

WAVE DEGRADATION
  1202 1203 3203
  GS    DEGRADATION
        #WAVE DEGRADATION
  RT    ATTENUATION
        ELECTROMAGNETIC MISSILES
        SCATTERING
        SHOCK WAVE INTERACTION

WAVE DIFFRACTION
  0710 2306 2402
  GS    DIFFRACTION
        #WAVE DIFFRACTION
  RT    ATTENUATION
        CROSSTALK
        DIFFRACTION RADIATION
        FRESNEL INTEGRALS
        GEOMETRICAL THEORY OF DIFFRACTION
      % INTERFERENCE
        TRAVELING WAVE MODULATION

WAVE DISPERSION
  0710 2306
  RT    ACOUSTIC PROPERTIES
        ATMOSPHERIC REFRACTION
        ATTENUATION
      % COHERENCE
        COLOR
        DEFLECTION
        DIFFRACTION
      % DISPERSION
        ELASTIC WAVES
        ELECTROMAGNETIC RADIATION
        FADING
        LIGHT TRANSMISSION
        OPTICAL PATHS
        OPTICAL PROPERTIES
        RADIATION DISTRIBUTION
        RADIO WAVE REFRACTION
        REFRACTION
        SCATTERING
        SOUND-SOUND INTERACTIONS
        TRANSMISSION
        TRANSMISSION LOSS

WAVE DRAG
  0101 1203 3501
  GS    DYNAMIC CHARACTERISTICS
        .DRAG
        ..PRESSURE DRAG
        ..#WAVE DRAG
        ....INTERFERENCE DRAG
  RT    FRICTION DRAG
        SUPERSONIC DRAG

WAVE EQUATIONS
  0710 1202 2301 2306 2309 2312 2402
  2502 3203
  SN    (NOT EQUATIONS OF MOTION)
  GS   #WAVE EQUATIONS
        .DIRAC EQUATION
        .EIKONAL EQUATION
        .KLEIN-GORDON EQUATION
        .KORTEWEG-DEVRIES EQUATION
        .LAME WAVE EQUATIONS
        .SCHROEDINGER EQUATION
  RT    BOLTZMANN-VLASOV EQUATION
        DENSITY WAVE MODEL
      % EQUATIONS
        FORBIDDEN BANDS
      % HELMHOLTZ EQUATIONS
        HYPERBOLIC DIFFERENTIAL EQUATIONS
        PARTIAL DIFFERENTIAL EQUATIONS
        QUANTUM THEORY

WAVE EXCITATION
  1202 1203 2306 2402 2502 3203
  GS    EXCITATION
        #WAVE EXCITATION
        ..ACOUSTIC EXCITATION
        ..HARMONIC EXCITATION
  RT    DIFFRACTION RADIATION
        STROKING TESTS
      % WAVES

WAVE FRONT DEFORMATION
  0710 1202 1203 2306 2310 3203
  GS    DEFORMATION
        #WAVE FRONT DEFORMATION
  RT % INTERFERENCE

WAVE FRONT RECONSTRUCTION
  0710 1202 1203 2310 3203
  GS    RECONSTRUCTION
        #WAVE FRONT RECONSTRUCTION
  RT    ACOUSTICAL HOLOGRAPHY
        DIFFRACTOMETERS
        HOLOGRAPHIC INTERFEROMETRY
        HOLOGRAPHIC SPECTROSCOPY
        HOLOGRAPHY
        KINOFORM
        MICROWAVE HOLOGRAPHY
        PHOTOGRAPHY
        WHITE LIGHT HOLOGRAPHY

WAVE FRONTS
  1202 1203 1204 2306 2310
  GS   #WAVE FRONTS
        .SHOCK FRONTS
  RT    CAUSTIC LINES
        EIKONAL EQUATION
      % FRONTS
        HUYGENS PRINCIPLE
        PHASE COHERENCE
        PHASE VELOCITY
        SHOCK DISCONTINUITY
      % WAVES

WAVE FUNCTIONS
  0710 1202 2306 2310 2402 3203
  GS   #WAVE FUNCTIONS
        .MOLECULAR ORBITALS
        .PAULI EXCLUSION PRINCIPLE
  RT    FORBIDDEN TRANSITIONS
        HARTREE APPROXIMATION
        PERTURBATION THEORY
        SQUARE WAVES
        TIME FUNCTIONS

WAVE GENERATION
  1308 2402 2403 2502
  RT    ELECTROMAGNETIC RADIATION
        FUNCTION GENERATORS
      % GENERATORS
        HARMONIC GENERATIONS
        SHOCK WAVE GENERATORS

WAVE INCIDENCE CONTROL
  0710 2306 2402
  RT % CONTROL
        INCIDENT RADIATION

WAVE INTERACTION
  2301 2306 2309 2402 2502
  GS   #WAVE INTERACTION
        .SHOCK WAVE INTERACTION
        .WAVE-PARTICLE INTERACTIONS
  RT    ACOUSTIC COUPLING
        COUPLING
        DAMPING
        ELECTROACOUSTIC WAVES
        ELECTROMAGNETIC INTERACTIONS
        FOUR-WAVE MIXING
      % INTERACTIONS
        INTERMODULATION
        MODULATION
        ORTHOGONAL MULTIPLEXING THEORY
        PLASMA INTERACTIONS
        PROPAGATION MODES
        SCATTERING
        SHOCK WAVE LUMINESCENCE
        SHOCK WAVE PROFILES
        SHOCK WAVE PROPAGATION
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WAVE MOTION
  USE  WAVES

WAVE OSCILLATORS
  USE  OSCILLATORS

WAVE PACKETS
  0710
  RT   LONGITUDINAL WAVES
       PACKETS (COMMUNICATION)
       PLASMA WAVES
       QUANTUM MECHANICS
       TRANSVERSE WAVES

WAVE PROPAGATION
  0710
  UF   KIRCHHOFF-HUYGENS PRINCIPLE
  GS   TRANSMISSION
       #WAVE PROPAGATION
       ..ACOUSTIC PROPAGATION
       ..DIFFRACTION PROPAGATION
       ..GROUND WAVE PROPAGATION
       ..IONOSPHERIC PROPAGATION
       ...IONOSPHERIC F-SCATTER
          PROPAGATION
       ..LIGHT SCATTERING
       ...HALOS
       ..SCATTER PROPAGATION
       ...IONOSPHERIC F-SCATTER
          PROPAGATION
       ..SHOCK WAVE PROPAGATION
       ..TRANSEQUATORIAL PROPAGATION
  RT   ACOUSTIC ATTENUATION
       ACOUSTIC MICROSCOPES
       ATMOSPHERIC ATTENUATION
       ATTENUATION
       AUTOMATIC PICTURE TRANSMISSION
       BEAM WAVEGUIDES
     % COHERENCE
       COHERENT RADIATION
     % CONDUCTION
       DIFFRACTION
       DOUBLE SIDEBAND TRANSMISSION
       ELECTROMAGNETIC ABSORPTION
       ELECTROMAGNETIC MISSILES
       ELECTROMAGNETIC WAVE TRANSMISSION
       GEOMETRICAL ACOUSTICS
       GROUP VELOCITY
       HUYGENS PRINCIPLE
       HYDRAULIC ANALOGIES
       ION ACOUSTIC WAVES
       LAME WAVE EQUATIONS
       LIGHT TRANSMISSION
       LOSSY MEDIA
       MICROWAVE ATTENUATION
       MICROWAVE TRANSMISSION
       MULTIPATH TRANSMISSION
       NONADIABATIC THEORY
       PHASE VELOCITY
       PLASMA ACCELERATION
       PLASMAGUIDES
     % PROPAGATION
       PROPAGATION MODES
       PROPAGATION VELOCITY
       PULSE DIFFRACTION
       RADAR ATTENUATION
       RADAR TRANSMISSION
       RADIO ATTENUATION
       RADIO TRANSMISSION
       REFRACTION
       SAGNAC EFFECT
       SCREEN EFFECT
       SHOCK FRONTS
       SHOCK WAVE ATTENUATION
       SHORT WAVE RADIO TRANSMISSION
       SINGLE SIDEBAND TRANSMISSION
       SOUND TRANSMISSION
       SQUARE WAVES
       STRESS WAVES
       TELEVISION TRANSMISSION
       WAVEFORMS
       WHISPERING GALLERY MODES
       WHITHAM RULE

WAVE RADIATION
  USE  ELECTROMAGNETIC RADIATION

WAVE REFLECTION
  0710 2301 2306 2310 2402
  GS   REFLECTION
       #WAVE REFLECTION
       ..MACH REFLECTION
  RT   GROUND EFFECT (COMMUNICATIONS)
       REFLECTED WAVES
       SIGNAL REFLECTION
       SPREAD REFLECTION

WAVE RESISTANCE
  1202 1310 3203
  RT   BLAST LOADS
       EROSION
       IMPACT STRENGTH
     % RESISTANCE
       STRUCTURAL STABILITY

WAVE SCATTERING
  0710 2306 2402
  GS   SCATTERING
       #WAVE SCATTERING
       ..ACOUSTIC SCATTERING
       ...REVERBERATION
       ..ATMOSPHERIC SCATTERING
       ...TROPOSPHERIC SCATTERING
       ..ELECTROMAGNETIC SCATTERING
       ...IONOSPHERIC F-SCATTER
          PROPAGATION
       ...LIGHT SCATTERING
       ....HALOS
       ...MICROWAVE SCATTERING
       ...MIE SCATTERING
       ....RAYLEIGH SCATTERING
       ...RAMAN SPECTRA
       ...THOMSON SCATTERING
       ...X RAY SCATTERING
  RT   FADDEEV EQUATIONS
       MAGNETIC DISPERSION
       RECIPROCITY THEOREM
       SCATTERING AMPLITUDE
       SCATTEROMETERS
       SHOCK FRONTS

WAVE-PARTICLE INTERACTIONS
  1302 1308 2502
  GS   PARTICLE INTERACTIONS
       #WAVE-PARTICLE INTERACTIONS
       WAVE INTERACTION
       #WAVE-PARTICLE INTERACTIONS
  RT   BEAM INTERACTIONS
       ELECTROMAGNETIC INTERACTIONS
       ELECTROSTATIC WAVES
       MAGNETOHYDRODYNAMIC WAVES
       MAGNETOHYDRODYNAMICS
       PARTICLE ACCELERATION
       PLASMA ACCELERATION
       PLASMA INTERACTIONS
       PLASMA WAVES
       PLASMA-ELECTROMAGNETIC INTERACTION
       PLASMA-PARTICLE INTERACTIONS
       SPACE PLASMAS

WAVEFORMS
  0710 1201 1202 2301 2306 2310 2402
  GS  #WAVEFORMS
       .PULSE AMPLITUDE
       .PULSE DURATION
       .SAWTOOTH WAVEFORMS
       .SQUARE WAVES
  RT   FORM FACTORS
       SPEECH BASEBAND COMPRESSION
       TIME FUNCTIONS
       WAVE PROPAGATION

WAVEGUIDE ANTENNAS
  0701 0710 0901
```

GS ANTENNAS
#WAVEGUIDE ANTENNAS
..HORN ANTENNAS
RT LENS ANTENNAS
MICROSTRIP ANTENNAS
MICROWAVE ANTENNAS
MONOPULSE ANTENNAS
RADANT
SLOT ANTENNAS
YAGI ANTENNAS

WAVEGUIDE FILTERS
0701 0702 0705 0710 0905
GS ELECTROMAGNETIC WAVE FILTERS
.ELECTRIC FILTERS
.#WAVEGUIDE FILTERS
RT BANDSTOP FILTERS
MICROWAVE FILTERS
RADAR FILTERS
WAVEGUIDES

WAVEGUIDE LASERS
0702
GS STIMULATED EMISSION DEVICES
.LASERS
.#WAVEGUIDE LASERS
RT ALUMINUM GALLIUM ARSENIDE LASERS
CARBON DIOXIDE LASERS
GALLIUM ARSENIDE LASERS
HETEROJUNCTION DEVICES
INFRARED LASERS
LASER MODES
LASER OUTPUTS
OPTICAL WAVEGUIDES
PULSED LASERS
QUANTUM WELL LASERS
SEMICONDUCTOR LASERS
SURFACE EMITTING LASERS
TUBE LASERS

WAVEGUIDE TUNERS
0701 0705 0710 0905
GS TUNERS
#WAVEGUIDE TUNERS
RT IMPEDANCE MATCHING
MODE TRANSFORMERS
YTTRIUM-IRON GARNET

WAVEGUIDE WINDOWS
0710 1202 2309
RT IMPEDANCE MATCHING
IRISES (MECHANICAL APERTURES)
% WINDOWS

WAVEGUIDES
0701 0710 0904 0905
GS #WAVEGUIDES
.BEAM WAVEGUIDES
.CIRCULAR WAVEGUIDES
.EARTH-IONOSPHERE WAVEGUIDE
.OPTICAL WAVEGUIDES
..OPTICAL FIBERS
.PLASMAGUIDES
.RECTANGULAR WAVEGUIDES
RT ANTENNA FEEDS
COAXIAL CABLES
COMMUNICATION CABLES
CROSSED FIELDS
ELECTROMAGNETIC SURFACE WAVES
GYRATORS
IRISES (MECHANICAL APERTURES)
MICROWAVE SWITCHING
MICROWAVE TRANSMISSION
PARALLEL PLATES
PROPAGATION MODES
SMITH CHART
TRANSMISSION LINES
WAVEGUIDE FILTERS

WAVELENGTH DIVISION MULTIPLEXING
0705
GS TRANSMISSION
.MULTIPLEXING
.#WAVELENGTH DIVISION MULTIPLEXING
RT CODE DIVISION MULTIPLEXING
DEMULTIPLEXING
FREQUENCY DIVISION MULTIPLEXING
ORTHOGONAL MULTIPLEXING THEORY
TIME DIVISION MULTIPLEXING

WAVELENGTHS
0710 2311
GS #WAVELENGTHS
.DE BROGLIE WAVELENGTHS
RT ANTINODES
HARMONICS
INFRARED RADIATION
LASER MODES
LASER OUTPUTS
LONGITUDINAL WAVES
MASER OUTPUTS
MILLIMETER WAVES
NODES (STANDING WAVES)
SPECTRAL EMISSION
STANDING WAVES
STOKES LAW OF RADIATION
SUBMILLIMETER WAVES
WHISPERING GALLERY MODES

WAVELET ANALYSIS
0710 0803 1900 2311
RT COSINE SERIES
FOURIER ANALYSIS
FOURIER TRANSFORMATION
FUNCTIONS (MATHEMATICS)
IMAGE PROCESSING
ORTHONORMAL FUNCTIONS
SIGNAL ANALYSIS
SIGNAL ENCODING
SIGNAL PROCESSING
SINE WAVES
TIME FUNCTIONS
TRANSFORMATIONS (MATHEMATICS)
% WAVES

WAVERIDERS
0101
GS AERODYNAMIC CONFIGURATIONS
#WAVERIDERS
RT AIRFOILS
CARET WINGS
DELTA WINGS
HYPERSONIC FLIGHT
HYPERSONIC VEHICLES
LIFTING BODIES

% WAVES
0101 0203 0710 1202 2402
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
UF CRESTS
WAVE MOTION
RT BAROCLINIC WAVES
BREAKWATERS
CNOIDAL WAVES
CORRUGATING
CYLINDRICAL WAVES
DETONATION WAVES
DILATATIONAL WAVES
EIKONAL EQUATION
ELASTIC WAVES
ELECTROACOUSTIC WAVES
ELECTROMAGNETIC RADIATION
ELECTROMAGNETIC SURFACE WAVES
FRONTAL WAVES
GRAVITATIONAL WAVES
INTERNAL WAVES
IONIC WAVES
KILOMETRIC WAVES
LITTORAL TRANSPORT
LONGITUDINAL WAVES
NODES (STANDING WAVES)
PLANE WAVES
PLANETARY WAVES

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        REFRACTED WAVES
        SEISMIC WAVES
        SH WAVES
        SHOCK WAVES
        SINE WAVES
        SOUND WAVES
        SPHERICAL WAVES
        SQUARE WAVES
        STANDING WAVES
        STRESS WAVES
        SURFACE WAVES
        SURGES
        TIDAL WAVES
        TRANSVERSE WAVES
        TROPOSPHERIC WAVES
        VIBRATION
        WATER WAVES
        WATERWAVE ENERGY
        WAVE AMPLIFICATION
        WAVE EXCITATION
        WAVE FRONTS
        WAVELET ANALYSIS

WAXES
  1802 1805 1808
  GS  #WAXES
        .CERESIN
  RT    ALKANES
        COATINGS
        CRUDE OIL
        FINISHES
        PHASE CHANGE MATERIALS

WEAK ENERGY INTERACTIONS
  2403
  GS    DECAY
        #WEAK ENERGY INTERACTIONS
        ..WEAK INTERACTIONS (FIELD THEORY)
        PARTICLE INTERACTIONS
        .ELEMENTARY PARTICLE INTERACTIONS
        .#WEAK ENERGY INTERACTIONS
        ...WEAK INTERACTIONS (FIELD THEORY)
  RT    BETA PARTICLES
        GRAND UNIFIED THEORY
        GRAVITINOS
      % INTERACTIONS
        PARTICLE THEORY

WEAK INTERACTIONS (FIELD THEORY)
  1902 3009
  UF    BETA INTERACTIONS
  GS    DECAY
        .WEAK ENERGY INTERACTIONS
        .#WEAK INTERACTIONS (FIELD THEORY)
        FIELD THEORY (PHYSICS)
        #WEAK INTERACTIONS (FIELD THEORY)
        NUCLEAR REACTIONS
        .NUCLEAR INTERACTIONS
        .#WEAK INTERACTIONS (FIELD THEORY)
        PARTICLE INTERACTIONS
        .ELEMENTARY PARTICLE INTERACTIONS
        ..WEAK ENERGY INTERACTIONS
        ..#WEAK INTERACTIONS (FIELD THEORY)
        .NUCLEAR INTERACTIONS
        .#WEAK INTERACTIONS (FIELD THEORY)
  RT    GRAND UNIFIED THEORY
      % INTERACTIONS
        STRONG INTERACTIONS (FIELD THEORY)
      % THEORIES

WEAPON SYSTEM MANAGEMENT
  3401 3406
  GS    MANAGEMENT
        #WEAPON SYSTEM MANAGEMENT
  RT    PROJECT MANAGEMENT
      % SYSTEMS

WEAPON SYSTEM 107A-1
  3401
  GS    WEAPON SYSTEMS
        #WEAPON SYSTEM 107A-1

WEAPON SYSTEM 107A-2
  3401
  GS    WEAPON SYSTEMS
        #WEAPON SYSTEM 107A-2

WEAPON SYSTEM 133A
  3401
  GS    WEAPON SYSTEMS
        #WEAPON SYSTEM 133A

WEAPON SYSTEM 133B
  3401
  GS    WEAPON SYSTEMS
        #WEAPON SYSTEM 133B

WEAPON SYSTEM 315A
  3401
  GS    WEAPON SYSTEMS
        #WEAPON SYSTEM 315A

WEAPON SYSTEMS
  2205 3302 3401
  GS  #WEAPON SYSTEMS
        .GROUND OPERATIONAL SUPPORT SYSTEM
        .LASER WEAPONS
        .MISSILE SYSTEMS
        ..NIKE X SYSTEMS
        ..SAFEGUARD SYSTEM
        .SENTINEL SYSTEM
        .SUCCESS PROJECT
        .TYPHON WEAPON SYSTEM
        .WEAPON SYSTEM 107A-1
        .WEAPON SYSTEM 107A-2
        .WEAPON SYSTEM 133A
        .WEAPON SYSTEM 133B
        .WEAPON SYSTEM 315A
  RT    AIR TO SURFACE MISSILES
        ANTISHIP MISSILES
        FIRE CONTROL
        HARPOON MISSILE
      % MILITARY AIRCRAFT
        MILITARY SPACECRAFT
        MISSILE LAUNCHERS
        MISSILES
        MOBILE MISSILE LAUNCHERS
        NUCLEAR WEAPONS
        ORDNANCE
        PANAVIA MILITARY AIRCRAFT
      % ROCKETS
        SPACE WEAPONS
      % SYSTEMS
        WEAPONS
        WEAPONS DEVELOPMENT

WEAPONS
  3302 3401
  GS  #WEAPONS
        .GUNS (ORDNANCE)
        ..ARTILLERY
        ...HOWITZERS
        ..RIFLES
        .LASER WEAPONS
        .MINES (ORDNANCE)
        .NUCLEAR WEAPONS
        ..FISSION WEAPONS
        ..FUSION WEAPONS
        .SPACE WEAPONS
        .WARHEADS
        ..NUCLEAR WARHEADS
        ..PRECISION GUIDED PROJECTILES
  RT    AMMUNITION
        ANTIQUITIES
        ANTISHIP WARFARE
        ARMED FORCES (FOREIGN)
        ARMED FORCES (UNITED STATES)
      % BALLISTIC VEHICLES
        DISARMAMENT
        FIRE CONTROL
        GUNNERY TRAINING
        MILITARY TECHNOLOGY
        MISSILES
        ORDNANCE
        PATRIOT MISSILE
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PROJECTILES
SHAPED CHARGES
SHRAPNEL
TANKS (COMBAT VEHICLES)
TOMAHAWK MISSILES
TORPEDOES
WEAPON SYSTEMS
WEAPONS DELIVERY
WING-FUSELAGE STORES

WEAPONS DELIVERY
3406
GS DELIVERY
#WEAPONS DELIVERY
RT AIR DEFENSE
% AIRCRAFT
DEFENSE PROGRAM
MILITARY TECHNOLOGY
MISSILE DEFENSE
NUCLEAR WEAPONS
% ROCKETS
SPACE WEAPONS
WEAPONS

WEAPONS DEVELOPMENT
1106 3401 3404
GS PRODUCT DEVELOPMENT
#WEAPONS DEVELOPMENT
RT RESEARCH AND DEVELOPMENT
WEAPON SYSTEMS

WEAPONS INDUSTRY
3401 3404
GS INDUSTRIES
.DEFENSE INDUSTRY
.#WEAPONS INDUSTRY
RT ARMED FORCES (UNITED STATES)
MILITARY TECHNOLOGY

WEAR
1306 1503 1702
RT ABRASION
CHIPPING
CORROSION
DAMAGE
DEPRECIATION
DETERIORATION
DURABILITY
EROSION
FAILURE
FLAKING
FRETTING CORROSION
FRICTION
GRINDING (MATERIAL REMOVAL)
HARDNESS
REMOVAL
SCORING
SLIDING FRICTION
SPALLING
SURFACE FINISHING
% SURFACES
SYSTEM FAILURES
TRIBOLOGY
WEAR RESISTANCE

WEAR INHIBITORS
1503 1702
GS INHIBITORS
#WEAR INHIBITORS
RT RETARDANTS
WEAR RESISTANCE

WEAR RESISTANCE
1702 1805
GS MECHANICAL PROPERTIES
#WEAR RESISTANCE
..ABRASION RESISTANCE
RT ABRASION
BOUNDARY LUBRICATION
COEFFICIENT OF FRICTION
DETERIORATION
HARDNESS
LUBRICANT TESTS
% RESISTANCE
SLIDING FRICTION
TOUGHNESS
WEAR
WEAR INHIBITORS
WEAR TESTS

WEAR TESTS
1108 1503 1504 1505 3501
RT CUMULATIVE DAMAGE
DESTRUCTIVE TESTS
EROSION
FERROGRAPHY
FRETTING
FRICTION
HARDNESS TESTS
% MATERIALS TESTS
QUALITY CONTROL
SPALLING
STATIC TESTS
% TESTS
WEAR RESISTANCE

WEATHER
2001 2002 2003
UF WEATHER CONDITIONS
GS #WEATHER
.COLD WEATHER
.HOT WEATHER
RT AIRCRAFT ACCIDENTS
AIRCRAFT HAZARDS
AIRCRAFT SAFETY
ALPINE METEOROLOGY
ANNUAL VARIATIONS
ANVIL CLOUDS
ATMOSPHERIC & OCEANOGRAPHIC INFORM SYS
ATMOSPHERIC PRESSURE
ATMOSPHERIC TEMPERATURE
CAP CLOUDS
CIRROCUMULUS CLOUDS
CIRROSTRATUS CLOUDS
CLIMATE
CLIMATOLOGY
CLOUDS (METEOROLOGY)
FLIGHT HAZARDS
FLIGHT PLANS
GLOBAL ATMOSPHERIC RESEARCH PROGRAM
LONG TERM EFFECTS
METEOROLOGICAL PARAMETERS
METEOROLOGY
METEOSAT SATELLITE
NAVIGATION AIDS
PRECIPITATION (METEOROLOGY)
RUNWAY CONDITIONS
SEASONS
SOLAR COMPASSES
SOLAR TERRESTRIAL INTERACTIONS
WIND (METEOROLOGY)

WEATHER CHARTS
USE METEOROLOGICAL CHARTS

WEATHER CONDITIONS
USE WEATHER

WEATHER CONTROL
USE WEATHER MODIFICATION

WEATHER DATA RECORDERS
0802 2001 2003 3405
GS MEASURING INSTRUMENTS
.METEOROLOGICAL INSTRUMENTS
.#WEATHER DATA RECORDERS
RECORDING INSTRUMENTS
#WEATHER DATA RECORDERS
RT AUTOMATIC WEATHER STATIONS
% DATA
TELEMETRY

WEATHER FORECASTING
1301 2001 2003

```
  GS   FORECASTING
       #WEATHER FORECASTING
       ..LONG RANGE WEATHER FORECASTING
       ..NOWCASTING
       ..NUMERICAL WEATHER FORECASTING
       ..STATISTICAL WEATHER FORECASTING
       METEOROLOGY
       #WEATHER FORECASTING
       ..LONG RANGE WEATHER FORECASTING
       ..NOWCASTING
       ..NUMERICAL WEATHER FORECASTING
       ..STATISTICAL WEATHER FORECASTING
  RT   AIR MASSES
       ATMOSPHERIC MODELS
       CIRRUS SHIELDS
       CLOUD COVER
       COLD FRONTS
       ENVIRONMENTAL MONITORING
       FLIGHT CONDITIONS
       FLOOD PREDICTIONS
       GARP ATLANTIC TROPICAL EXPERIMENT
       HUMIDITY
       METEOROLOGICAL BALLOONS
       METEOROLOGICAL FLIGHT
       METEOROLOGICAL RADAR
       METEOROLOGICAL SATELLITES
       METEOROLOGICAL SERVICES
       NEPHANALYSIS
       PRECIPITATION (METEOROLOGY)
       SNOWSTORMS
       STORMS
       STORMS (METEOROLOGY)
       SYNOPTIC METEOROLOGY
       WARM FRONTS
       WIND (METEOROLOGY)

WEATHER FRONTS
  USE  FRONTS (METEOROLOGY)

WEATHER MAPS
  USE  METEOROLOGICAL CHARTS

WEATHER MODIFICATION
  1301 1302 2001 2003 2311
  UF   WEATHER CONTROL
  GS  #WEATHER MODIFICATION
       .CLOUD DISPERSAL
       .CLOUD SEEDING
       .FOG DISPERSAL
       .LIGHTNING SUPPRESSION
       .RAINMAKING
       .STORM ENHANCEMENT
       .STORM SUPPRESSION
  RT   ARTIFICIAL CLOUDS
       CLOUD PHYSICS
     % CONTROL
       ENVIRONMENTAL CONTROL
       HEAT ISLANDS
       SNOWSTORMS

WEATHER RADAR
  USE  METEOROLOGICAL RADAR

WEATHER RECONNAISSANCE AIRCRAFT
  0201
  GS   RECONNAISSANCE AIRCRAFT
       #WEATHER RECONNAISSANCE AIRCRAFT
  RT % AIRCRAFT
       GLOBAL ATMOSPHERIC RESEARCH PROGRAM
       METEOROLOGICAL INSTRUMENTS
       OBSERVATION AIRCRAFT
       RB-50 AIRCRAFT

WEATHER STATIONS
  1101 1106 2001 2003
  UF   METEOROLOGICAL STATIONS
  GS   STATIONS
       #WEATHER STATIONS
       ..AUTOMATIC WEATHER STATIONS
  RT   GROUND STATIONS
       INSTRUMENT PACKAGES
       INTEGRATED GLOBAL OCEAN STATION
       SYSTEMS
       METEOROLOGICAL INSTRUMENTS
       METEOROLOGICAL SATELLITES
       METEOROLOGICAL SERVICES
       OCEAN DATA ACQUISITIONS SYSTEMS

WEATHERING
  1306 1503 1702 2001 2003
  RT   CORROSION
       CORROSION TESTS
       CURING
       DAMAGE
       DEGRADATION
       DETERIORATION
       EARTH ATMOSPHERE
       EROSION
       EXPOSURE
       MECHANICAL PROPERTIES
       RUSTING
       SOIL EROSION

WEATHERPROOFING
  0602 1802 2001
  RT   COATINGS
       COLD WEATHER
       CORROSION PREVENTION
       MOISTURE RESISTANCE
       PACKAGING
       PRESERVING
       WATERPROOFING

WEAVING
  1504 1811
  RT   FABRICS
       SEWING
       WOVEN COMPOSITES

WEBBING
  2802 2805
  RT   FABRICS
       MESH
     % WEBS
       WEBS (SHEETS)

WEBER TEST
  1307 2308
  GS   PHYSIOLOGICAL TESTS
       #WEBER TEST
  RT   AUDITORY PERCEPTION
       BINAURAL HEARING

WEBER-FECHNER LAW
  0404 0408
  GS   LAWS
       #WEBER-FECHNER LAW

% WEBS
  2802 2809
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   MEMBRANES
       MESH
       WEBBING
       WEBS (SHEETS)
       WEBS (SUPPORTS)

WEBS (MEMBRANES)
  USE  MEMBRANES

WEBS (SHEETS)
  1504
  SN   (EXCLUDES POLYMERIC FILMS AND
       STRUCTURAL REINFORCEMENTS)
  RT   DIAPHRAGMS (MECHANICS)
       ELASTIC SHEETS
       FABRICS
     % FILMS
       MEMBRANES
       PAPER (MATERIAL)
       PAPERS
     % ROVINGS
     % SHEETS
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        WEBBING
        WEBS (SUPPORTS)

WEBS (SUPPORTS)
  1504
  GS   #WEBS (SUPPORTS)
        .GIRDER WEBS
  RT    DIAPHRAGMS (MECHANICS)
        ELASTIC SHEETS
        MEMBRANE STRUCTURES
        MEMBRANES
        RIBS (SUPPORTS)
        SKIN (STRUCTURAL MEMBER)
        STIFFENING
        WEBS (SHEETS)

WEDGE FLOW
  0101 0102 1202 1203
  GS    FLUID FLOW
        #WEDGE FLOW
  RT    BLASIUS FLOW
        CONICAL FLOW
        FALKNER-SKAN EQUATION
        FLOW GEOMETRY
        LAMINAR FLOW
        SHOCK WAVES
        SUPERSONIC FLOW
        THREE DIMENSIONAL FLOW
        TWO DIMENSIONAL FLOW
        VISCOUS FLOW

WEDGES
  0101 0102 3203
  RT    AERODYNAMIC CONFIGURATIONS
        AIRFOIL PROFILES
        AIRFOILS

WEIBEL INSTABILITY
  2501
  GS    DYNAMIC CHARACTERISTICS
        .DYNAMIC STABILITY
        ..MOTION STABILITY
        ...FLOW STABILITY
        ....MAGNETOHYDRODYNAMIC STABILITY
        ....#WEIBEL INSTABILITY
        .FLOW CHARACTERISTICS
        ..FLOW STABILITY
        ...MAGNETOHYDRODYNAMIC STABILITY
        ...#WEIBEL INSTABILITY
        STABILITY
        .DYNAMIC STABILITY
        ..MOTION STABILITY
        ...FLOW STABILITY
        ....MAGNETOHYDRODYNAMIC STABILITY
        ....#WEIBEL INSTABILITY
  RT    PLASMA INTERACTIONS

WEIBULL DENSITY FUNCTIONS
  1505 1905
  GS    FUNCTIONS (MATHEMATICS)
        .PROBABILITY DENSITY FUNCTIONS
        .#WEIBULL DENSITY FUNCTIONS
        STATISTICAL ANALYSIS
        .PROBABILITY DENSITY FUNCTIONS
        .#WEIBULL DENSITY FUNCTIONS
  RT    EXPONENTIAL FUNCTIONS
        FATIGUE TESTS
        SAMPLING

WEIERSTRASS FUNCTIONS
  1902
  GS    ANALYSIS (MATHEMATICS)
        .REAL VARIABLES
        .#WEIERSTRASS FUNCTIONS
  RT    ELLIPTIC FUNCTIONS
        JACOBI INTEGRAL

% WEIGHT
  2311 3408
  SN    (USE OF A MORE SPECIFIC TERM IS
        RECOMMENDED--CONSULT THE TERMS
        LISTED BELOW)
  RT    ATOMIC WEIGHTS
        BIOMASS
        COEFFICIENTS
        PAYLOADS
        WEIGHT (MASS)

WEIGHT (MASS)
  0101 0201 1309
  UF    WEIGHT FACTORS
  GS   #WEIGHT (MASS)
        .ATOMIC WEIGHTS
        .BIOMASS
        .BODY WEIGHT
        .ORGAN WEIGHT
        .STRUCTURAL WEIGHT
  RT    CENTER OF MASS
     % FORCE
        GRAVITATION
        LOADS (FORCES)
        LOW MOLECULAR WEIGHTS
        MASCONS
        MASS
        MOLECULAR WEIGHT
        PAYLOADS
        PRESSURE
        VOLUME
     % WEIGHT

WEIGHT ANALYSIS
  0601 1309 2308 3203
  RT % ANALYZING
        NEW MOONS PROJECT
        PREFLIGHT ANALYSIS
        STRUCTURAL WEIGHT
        SYSTEMS ANALYSIS

WEIGHT FACTORS
  USE   WEIGHT (MASS)

WEIGHT INDICATORS
  1108 1110 1406 3203 3501
  UF    WIND TUNNEL BALANCES
  GS    MEASURING INSTRUMENTS
        .INDICATING INSTRUMENTS
        .#WEIGHT INDICATORS
        ...MICROBALANCES
        ...STRAIN GAGE BALANCES
        ...THERMOBALANCES
  RT    BALANCE
        MECHANICAL MEASUREMENT
        PRESSURE GAGES
        PRESSURE MEASUREMENT
     % SCALE
        STRAIN GAGES
        TENSOMETERS

WEIGHT MEASUREMENT
  1406 3501
  UF    MICROWEIGHING
  RT    DENSITY (MASS/VOLUME)
        HYDROMETERS
     % MEASUREMENT

WEIGHT REDUCTION
  1406 3203 3501 4001
  RT    AIRCRAFT DESIGN
        SPACECRAFT DESIGN
        STRUCTURAL DESIGN
        STRUCTURAL WEIGHT
        SYSTEMS ANALYSIS

WEIGHTING FUNCTIONS
  1902 1905
  GS    ANALYSIS (MATHEMATICS)
        .REAL VARIABLES
        ..MEASURE AND INTEGRATION
        ..#WEIGHTING FUNCTIONS
        FUNCTIONS (MATHEMATICS)
        #WEIGHTING FUNCTIONS
  RT    STATISTICAL MECHANICS

WEIGHTLESS FLUIDS
  1202 1309 2308
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  RT % FLUIDS
       VISCOUS FLUIDS

WEIGHTLESSNESS
  0401 0408 0502 0506 3009 3408
  UF   ZERO GRAVITY
  RT   AEROSPACE MEDICINE
       ARTIFICIAL GRAVITY
       ASTRONAUT PERFORMANCE
     % ASTRONAUTICS
       BIOPROCESSING
       BLACKOUT PREVENTION
       BODY WEIGHT
       BONE DEMINERALIZATION
       CONTAINERLESS MELTS
       DISORIENTATION
       DROP TOWERS
       ELECTROLYTE METABOLISM
       ENVIRONMENTS
       EXTRAVEHICULAR ACTIVITY
       FLIGHT STRESS (BIOLOGY)
       FREE FALL
       GRAVITATION
       GRAVITATIONAL EFFECTS
       INTRAVEHICULAR ACTIVITY
       LIFE SUPPORT SYSTEMS
       LOW WEIGHT
       LOWER BODY NEGATIVE PRESSURE
       NEUTRAL BUOYANCY SIMULATION
       PARABOLIC FLIGHT
       SPACE ADAPTATION SYNDROME
       SPACE FLIGHT STRESS
       SPACE MANUFACTURING
       SPACE PROCESSING APPLICATIONS
       ROCKET
       SPACEBORNE EXPERIMENTS
       SPACECRAFT ENVIRONMENTS
       SUBORBITAL FLIGHT

WEIGHTLESSNESS SIMULATION
  0401 0502 1107 1108 1309 3104
  GS   SIMULATION
       .ENVIRONMENT SIMULATION
       ..SPACE ENVIRONMENT SIMULATION
       ..#WEIGHTLESSNESS SIMULATION
       ....NEUTRAL BUOYANCY SIMULATION
  RT   FLIGHT SIMULATION
       HEAD DOWN TILT
       LANGLEY COMPLEX COORDINATOR
       PARABOLIC FLIGHT
       SUBMERGING

WELD STRENGTH
  1507 3203
  GS   MECHANICAL PROPERTIES
       #WELD STRENGTH
  RT % STRENGTH
       WELDABILITY
       WELDED JOINTS

WELD TESTS
  1505 1507
  RT   FATIGUE TESTS
     % TESTS
       WELDED JOINTS

WELDABILITY
  1507
  RT   BRITTLENESS
       DUCTILITY
       HEAT AFFECTED ZONE
       WELD STRENGTH

WELDED JOINTS
  1507 3203
  GS   JOINTS (JUNCTIONS)
       .METAL JOINTS
       .#WELDED JOINTS
       ...SPOT WELDS
  RT   BEADS
       BONDED JOINTS
       BUTT JOINTS
       LAP JOINTS
       RIVETED JOINTS
       WELD STRENGTH
       WELD TESTS
       WELDING

WELDED STRUCTURES
  1507 3203
  GS  #WELDED STRUCTURES
       .STEEL STRUCTURES
  RT   RIGID STRUCTURES
     % STRUCTURES

WELDING
  1507 3407
  GS  #WELDING
       .FUSION WELDING
       ..ELECTRIC WELDING
       ...ARC WELDING
       ....GAS TUNGSTEN ARC WELDING
       ....PLASMA ARC WELDING
       ...ELECTROSLAG WELDING
       ...FLASH WELDING
       ..ELECTRON BEAM WELDING
       ..GAS WELDING
       ...BRAZING
       ....LOW TEMPERATURE BRAZING
       ..LASER WELDING
       .PRESSURE WELDING
       ..COLD WELDING
       ..DIFFUSION WELDING
       ..EXPLOSIVE WELDING
       ..FRICTION WELDING
       ..ULTRASONIC WELDING
  RT   BACKUPS
       BEADS
       BONDING
       CONSTRUCTION
       FILLETS
       FLAME PLATING
       FLUXES
       FUSIBILITY
       HEAT AFFECTED ZONE
     % JOINING
       METAL BONDING
       METAL-METAL BONDING
       SEALING
       SOLDERING
       TORCHES
       WELDED JOINTS

WELDING MACHINES
  1504 1507
  RT % ELECTRIC EQUIPMENT
       ELECTRIC WELDING
     % MACHINERY
       TORCHES

WELLS
  1305 3404
  RT   AQUIFERS
       DRILLING
       GROUND WATER
       LIMNOLOGY
       OASES
       SPRINGS (WATER)
       SQUARE WELLS
       STRATIGRAPHY

WENTZEL-KRAMER-BRILLOUIN METHOD
  1902 2306 2308 2402
  UF   WKB APPROXIMATION
  RT   DE BROGLIE WAVELENGTHS
     % METHODOLOGY
       PERTURBATION THEORY
       PLANCKS CONSTANT
       SCHROEDINGER EQUATION

WESER AIRCRAFT
  0201 0206
  RT % AIRCRAFT
       HELICOPTERS
       ROTARY WING AIRCRAFT
```

V/STOL AIRCRAFT

WEST COMET
1901 3001
GS CELESTIAL BODIES
.COMETS
.#WEST COMET
RT SOLAR SYSTEM

WEST FORD PROJECT
0707 0708 0709 3409
GS PROGRAMS
.PROJECTS
.#WEST FORD PROJECT

WEST GERMANY
1305
UF FEDERAL REPUBLIC OF GERMANY
GS NATIONS
#WEST GERMANY
RT ALPS MOUNTAINS (EUROPE)
AZUR SATELLITE
CENTRAL EUROPE
EAST GERMANY
EUROPE
GERMAN INFRARED LABORATORY
GERMAN SPACE PROGRAM
GERMANY

WEST INDIES
1305
GS LANDFORMS
.ISLANDS
.#WEST INDIES
...ANTIGUA AND BARBUDA
...BAHAMAS
...BARBADOS
...CUBA
...DOMINICA
...GRENADA
...GUADELOUPE
...HAITI
...JAMAICA
...LESSER ANTILLES
...MARTINIQUE
...PUERTO RICO
...TRINIDAD AND TOBAGO
...VIRGIN ISLANDS
RT ATLANTIC OCEAN
CARIBBEAN REGION

WEST VIRGINIA
1305
GS NATIONS
.UNITED STATES
.#WEST VIRGINIA
RT ALLEGHENY PLATEAU (US)
OHIO RIVER (US)
POTOMAC RIVER VALLEY (MD-VA-WV)

WESTAR SATELLITES
0702 0706 3107
GS ARTIFICIAL SATELLITES
.COMMUNICATION SATELLITES
.#WESTAR SATELLITES
RT POINT TO POINT COMMUNICATION
TELECOMMUNICATION
TELEGRAPH SYSTEMS

WESTERN HEMISPHERE
0303
RT EARTH (PLANET)
EASTERN HEMISPHERE
GEOGRAPHY

WESTLAND AIRCRAFT
0201 0205 0206
GS #WESTLAND AIRCRAFT
.P-531 HELICOPTER
.WESTLAND WHIRLWIND HELICOPTER
RT % AIRCRAFT
HELICOPTERS
ROTARY WING AIRCRAFT
V/STOL AIRCRAFT

WESTLAND GROUND EFFECT MACHINES
0205
UF SR-N2 GROUND EFFECT MACHINE
SR-N3 GROUND EFFECT MACHINE
SR-N5 GROUND EFFECT MACHINE
WESTLAND SR-N2 GROUND EFFECT MACHINE
WESTLAND SR-N2 HOVERCRAFT
WESTLAND SR-N3 GROUND EFFECT MACHINE
WESTLAND SR-N3 HOVERCRAFT
WESTLAND SR-N5 GROUND EFFECT MACHINE
GS GROUND EFFECT MACHINES
#WESTLAND GROUND EFFECT MACHINES
RT % AIRCRAFT

WESTLAND MK-10 HELICOPTER
USE WESTLAND WHIRLWIND HELICOPTER

WESTLAND P-531 HELICOPTER
USE P-531 HELICOPTER

WESTLAND SR-N2 GROUND EFFECT MACHINE
USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N2 HOVERCRAFT
USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N3 GROUND EFFECT MACHINE
USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N3 HOVERCRAFT
USE WESTLAND GROUND EFFECT MACHINES

WESTLAND SR-N5 GROUND EFFECT MACHINE
USE WESTLAND GROUND EFFECT MACHINES

WESTLAND WHIRLWIND HELICOPTER
0206
UF WESTLAND MK-10 HELICOPTER
WHIRLWIND MK-10 HELICOPTER
GS UTILITY AIRCRAFT
#WESTLAND WHIRLWIND HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...MILITARY HELICOPTERS
...#WESTLAND WHIRLWIND HELICOPTER
WESTLAND AIRCRAFT
#WESTLAND WHIRLWIND HELICOPTER
RT % AIRCRAFT

WET CELLS
0302 0604 0904
GS ELECTROCHEMICAL CELLS
.ELECTRIC BATTERIES
.#WET CELLS
RT % ELECTRIC CELLS
ELECTROLYTES
FUEL CELLS
NONAQUEOUS ELECTROLYTES
PRIMARY BATTERIES

WET SPINNING
1809
RT EXTRUDING
FIBERS
% FILAMENTS
% PROCESSING
SYNTHETIC FIBERS
TEXTILES
WETTING

WETLANDS
1305 1306 1308 1310
GS LAND
#WETLANDS
RT COASTAL CURRENTS
COASTAL ECOLOGY

```
      COASTAL PLAINS
      COASTAL WATER
      ENVIRONMENT EFFECTS
      FISHERIES
      MARINE BIOLOGY
      MARINE ENVIRONMENTS
      MARINE RESOURCES
      MARSHLANDS
      NEARSHORE WATER
      OCEANOGRAPHY
      OIL POLLUTION
      SEA GRASSES
      SHORELINES
      TIDES
      WATER RESOURCES
      WATERFOWL
      WILDLIFE

WETNESS
  USE  MOISTURE CONTENT

WETTABILITY
  0603 1202 3408
  RT   ADHESION
       ADHESION TESTS
       FORMATIONS
       HYGROSCOPICITY
       PERMEABILITY
       POROSITY
       SURFACE PROPERTIES
       WETTING

WETTING
  0602 1202 3407
  RT   COOLING
       DIPPING
       FOAMING
       INTERFACIAL TENSION
     % SATURATION
     % SOAKING
       SOAPS
       SPRAYING
       SPRINKLING
       SUBMERGING
       WET SPINNING
       WETTABILITY

WHALES
  0402
  GS   ANIMALS
       .VERTEBRATES
       ..MAMMALS
       ...MARINE MAMMALS
       ...#WHALES

WHARVES
  1103 1502 3401 3404
  UF   PIERS
  RT   CARGO SHIPS
       DAMS
       EARTH RESOURCES
       FREIGHTERS
       HARBORS
       MARINE TECHNOLOGY
       MATERIALS HANDLING
     % PORTS
       RIVERS
       SHIP TERMINALS
       TANKER SHIPS
       TERMINAL FACILITIES
       WATER

WHEAT
  0409 0505
  GS   FARM CROPS
       .GRAINS (FOOD)
       .#WHEAT
  RT   CROP GROWTH
       CROP VIGOR
     % CROPS
       RICE

WHEATSTONE BRIDGES
  0902 0905 1406
  GS   CIRCUITS
       .ELECTRIC BRIDGES
       ..WIRE BRIDGE CIRCUITS
       ..#WHEATSTONE BRIDGES
  RT   MEASURING INSTRUMENTS
       OHMMETERS

WHEEL BRAKES
  0203 0208 2202
  GS   BRAKES (FOR ARRESTING MOTION)
       #WHEEL BRAKES
  RT   AIRCRAFT BRAKES
       AIRCRAFT SAFETY
       ANTISKID DEVICES
       CONTROLLABILITY
       FRICTION
       HYDRAULIC EQUIPMENT
       LANDING GEAR
       TIRES
       VEHICLE WHEELS

WHEELCHAIRS
  1502
  RT   DISABILITIES
       HUMAN FACTORS ENGINEERING
       LOCOMOTION
       RAMPS (STRUCTURES)

WHEELS
  1504
  GS   #WHEELS
       .COUNTER-ROTATING WHEELS
       .FLYWHEELS
       .REACTION WHEELS
       .TOROIDAL WHEELS
       .TURBINE WHEELS
       .VEHICLE WHEELS
       ..NOSE WHEELS
       .WATER WHEELS
  RT   BEARINGS
       BRAKES (FOR ARRESTING MOTION)
       GEARS
       HUBS
       LANDING GEAR
       PULLEYS
       ROLLERS
       ROTORS
       SHAFTS (MACHINE ELEMENTS)
       SPOKES
       TIRES

WHIP ANTENNAS
  0701 0901
  GS   ANTENNAS
       .OMNIDIRECTIONAL ANTENNAS
       ..MONOPOLE ANTENNAS
       ..#WHIP ANTENNAS
  RT   RADIO ANTENNAS

WHIPLASH INJURIES
  0405 0408
  GS   INJURIES
       #WHIPLASH INJURIES
  RT   BACK INJURIES
       CRASH INJURIES

WHIRL
  USE  ROTATION

WHIRL INSTABILITY
  USE  ROTARY STABILITY

WHIRL TOWERS
  1108
  RT   HELICOPTER DESIGN
       HOVERING
       HOVERING STABILITY
       PARACHUTES
       ROTARY WINGS
       ROTOR AERODYNAMICS
       SPIN TESTS
```

WHIRLING
USE ROTATION

WHIRLING TESTS
USE SPIN TESTS

WHIRLWIND MK-10 HELICOPTER
USE WESTLAND WHIRLWIND HELICOPTER

WHISKER COMPOSITES
1704
UF METAL WHISKER REINFORCEMENT
GS COMPOSITE MATERIALS
#WHISKER COMPOSITES
RT ARAMID FIBER COMPOSITES
EUTECTIC ALLOYS
METAL MATRIX COMPOSITES
REINFORCING FIBERS

WHISKERS (CRYSTALS)
0906 1701 1704 2601 2602
GS CRYSTALS
#WHISKERS (CRYSTALS)
RT DENDRITIC CRYSTALS
FIBERS
% FILAMENTS

WHISPERING GALLERY MODES
0710
GS MODES
.PROPAGATION MODES
.#WHISPERING GALLERY MODES
RT ACOUSTIC FREQUENCIES
ACOUSTIC PROPAGATION
ELECTROMAGNETIC RADIATION
ELECTROMAGNETIC WAVE TRANSMISSION
WAVE PROPAGATION
WAVELENGTHS

WHISTLER RECORDERS
0710 1302 2304 2402
GS COMMUNICATION EQUIPMENT
.RADIO RECEIVERS
.#WHISTLER RECORDERS
RADIO EQUIPMENT
.RADIO RECEIVERS
.#WHISTLER RECORDERS
RECEIVERS
.RADIO RECEIVERS
.#WHISTLER RECORDERS
RECORDING INSTRUMENTS
#WHISTLER RECORDERS
RT SONOGRAMS

WHISTLERS
0710 1302 2304 2402 3009
GS ATMOSPHERIC RADIATION
.IONOSPHERIC NOISE
.#WHISTLERS
ELECTROMAGNETIC INTERFERENCE
.RADIO FREQUENCY INTERFERENCE
..ELECTROMAGNETIC NOISE
...ATMOSPHERICS
...#WHISTLERS
...IONOSPHERIC NOISE
...#WHISTLERS
ELECTROMAGNETIC RADIATION
.RADIO WAVES
..SKY WAVES
..#WHISTLERS
RT DAWN CHORUS
ELECTROMAGNETIC FIELDS
LIGHTNING
MICROWAVES
RADIO SIGNALS
SONOGRAMS

WHITE BLOOD CELLS
USE LEUKOCYTES

WHITE DWARF STARS
3001 3009
GS CELESTIAL BODIES
.STARS
..EARLY STARS
...HOT STARS
...#WHITE DWARF STARS
RT CATACLYSMIC VARIABLES
DEGENERATE MATTER
DWARF NOVAE
DWARF STARS
RED DWARF STARS
SUBDWARF STARS
SUPERNOVA REMNANTS
WOLF-RAYET STARS

WHITE HOLES (ASTRONOMY)
1901 3001 3002 3003 3009
GS CELESTIAL BODIES
.STARS
.#WHITE HOLES (ASTRONOMY)
RT BLACK HOLES (ASTRONOMY)
COSMOLOGY
ELECTROMAGNETIC RADIATION
EVENT HORIZON
GRAVITATIONAL COLLAPSE
GRAVITATIONAL LENSES
LIGHT EMISSION
NAKED SINGULARITIES
SUPERNOVA REMNANTS

WHITE LIGHT HOLOGRAPHY
1407 2306 2310
GS IMAGERY
.HOLOGRAPHY
.#WHITE LIGHT HOLOGRAPHY
PHOTOGRAPHY
.HOLOGRAPHY
.#WHITE LIGHT HOLOGRAPHY
RT DATA STORAGE
WAVE FRONT RECONSTRUCTION

WHITE NOISE
1411 2301 2306 2402
UF SPECTRAL NOISE
GS ELECTROMAGNETIC INTERFERENCE
.RADIO FREQUENCY INTERFERENCE
..ELECTROMAGNETIC NOISE
..#WHITE NOISE
....THERMAL NOISE
RT ELECTROMAGNETIC NOISE MEASUREMENT
JAMMING
% NOISE
NOISE (SOUND)
NOISE SPECTRA
RANDOM NOISE
SIGNAL TO NOISE RATIOS
SPECTRAL BANDS

WHITEOUT
0506 0605 2003 2310
RT VISIBILITY
VISUAL FLIGHT

WHITHAM RULE
0710 3201 3203 3302
GS RULES
#WHITHAM RULE
RT SHOCK WAVES
WAVE PROPAGATION

WHITTAKER FUNCTIONS
1902
GS ANALYSIS (MATHEMATICS)
.REAL VARIABLES
.#WHITTAKER FUNCTIONS
FUNCTIONS (MATHEMATICS)
#WHITTAKER FUNCTIONS
RT DIFFERENTIAL EQUATIONS

WICKS
1504
RT FUSES (ORDNANCE)

```
WIDE ANGLE LENSES
  1407 1412 2306 2310
  GS   LENSES
       #WIDE ANGLE LENSES
       OPTICAL EQUIPMENT
       #WIDE ANGLE LENSES
  RT   ALL SKY PHOTOGRAPHY
       CAMERAS
       PANORAMIC CAMERAS

WIDEBAND
  USE  BROADBAND

WIDEBAND COMMUNICATION
  0702 0710
  GS   TELECOMMUNICATION
       #WIDEBAND COMMUNICATION
  RT   BROADBAND AMPLIFIERS
       CODE DIVISION MULTIPLE ACCESS
       MULTIPLE ACCESS
       POINT TO POINT COMMUNICATION
       TIME DIVISION MULTIPLE ACCESS
       TROPOSPHERIC SCATTERING

WIDMANSTATTEN STRUCTURE
  1701 1704 2601 3009
  GS   CRYSTAL STRUCTURE
       #WIDMANSTATTEN STRUCTURE
       MICROSTRUCTURE
       #WIDMANSTATTEN STRUCTURE
  RT   IRON METEORITES
       METALLOGRAPHY
       METEORITIC MICROSTRUCTURES
     % PATTERNS

WIDTH
  3408
  GS   DIMENSIONS
       #WIDTH
  RT   BANDWIDTH
     % SPAN

WIENER FILTERING
  0705 0710 1905 2402
  RT   ELECTRIC FILTERS
       OPTIMIZATION
       STATISTICAL ANALYSIS

WIENER HOPF EQUATIONS
  0703 1202 1905 2402
  GS   ANALYSIS (MATHEMATICS)
       .FUNCTIONAL ANALYSIS
       ..INTEGRAL EQUATIONS
       ..#WIENER HOPF EQUATIONS
  RT % EQUATIONS

WIGGLER MAGNETS
  0801
  GS   MAGNETS
       #WIGGLER MAGNETS
       REFLECTORS
       #WIGGLER MAGNETS
  RT   DIFFRACTION RADIATION
       FREE ELECTRON LASERS
       LASER PUMPING
       TUNABLE LASERS

WIGHTMAN THEORY
  USE  FIELD THEORY (PHYSICS)
       QUANTUM THEORY
       RELATIVISTIC THEORY

WIGNER COEFFICIENT
  1902 2401 2403
  GS   COEFFICIENTS
       #WIGNER COEFFICIENT
  RT   ANGULAR MOMENTUM
     % MECHANICS (PHYSICS)

WILDERNESS
  1308
  RT   DESERTS
       FORESTS
       LAND MANAGEMENT
       PLAINS
       REMOTE REGIONS
       RURAL AREAS

WILDLIFE
  0402
  GS   ANIMALS
       #WILDLIFE
  RT   BIRDS
       ENDANGERED SPECIES
       ENVIRONMENT EFFECTS
       FISHES
       HABITATS
       WETLANDS

WILDLIFE RADIOLOCATION
  0501 0701 0702 0705 0707
  GS   TRACKING (POSITION)
       .RADIO TRACKING
       .#WILDLIFE RADIOLOCATION
  RT   ANIMALS
       BIOINSTRUMENTATION
       BIOTELEMETRY
       RADIO TRANSMITTERS
       REMOTE SENSORS
       SATELLITE INSTRUMENTS
       SATELLITE OBSERVATION
       TRIANGULATION

WILLISTON BASIN (NORTH AMERICA)
  1305 1306
  GS   LANDFORMS
       .STRUCTURAL BASINS
       .#WILLISTON BASIN (NORTH AMERICA)
  RT   CANADA
       MONTANA
       NORTH AMERICA
       NORTH DAKOTA

WINCHES
  1504
  RT   CRANES
       ELEVATORS (LIFTS)
     % LIFTS
       PULLEYS

WIND (METEOROLOGY)
  0101 0201 1110 1203 1308 2003 3501
  GS  #WIND (METEOROLOGY)
       .CIRCUMPOLAR WESTERLIES
       .GROUND WIND
       .GUSTS
       .MONSOONS
       .SEA BREEZE
       .SQUALLS
       .WINDS ALOFT
       ..GEOSTROPHIC WIND
       ..JET STREAMS (METEOROLOGY)
  RT   AEOLIAN TONES
       AEROLOGY
       AIR CURRENTS
       AIR POLLUTION
       ALPINE METEOROLOGY
       ANEMOMETERS
       ATMOSPHERIC CIRCULATION
       BAROTROPIC FLOW
     % BARRIERS
       BLOWING
       CLIMATOLOGY
       CYCLONES
       GRAVITY WAVES
       HOT-FILM ANEMOMETERS
       JIMSPHERE BALLOONS
       MARINE METEOROLOGY
       MERIDIONAL FLOW
       MESOSCALE PHENOMENA
       METEOROLOGY
       MIXING HEIGHT
       PRESSURE ICE
       RIPPLES
       STORM DAMAGE
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        STORMS
        STORMS (METEOROLOGY)
        THUNDERSTORMS
        TIDAL WAVES
        TORNADOES
        UPWELLING WATER
        VERTICAL AIR CURRENTS
        WEATHER
        WEATHER FORECASTING
        WINDMILLS (WINDPOWERED MACHINES)
        WINDPOWER UTILIZATION
        WINDPOWERED GENERATORS
        ZONAL FLOW (METEOROLOGY)

WIND CIRCULATION
  USE   ATMOSPHERIC CIRCULATION

WIND DIRECTION
  1203 1301 1302 2003 3501
  RT    ATMOSPHERIC CIRCULATION
        GROUND WIND
        MERIDIONAL FLOW
        SEA BREEZE
        SMOKE TRAILS
        UPSTREAM
        UPWELLING WATER
        WINDMILLS (WINDPOWERED MACHINES)
        WINDPOWERED GENERATORS
        ZONAL FLOW (METEOROLOGY)

WIND EFFECTS
  0101 0102 1301 1302 2003 3009
  RT    ATMOSPHERIC EFFECTS
        DUNES
        DUST STORMS
      % EFFECTS
        EROSION
        GROUND WIND
        PRESSURE EFFECTS
        SEA BREEZE
        SEA ROUGHNESS
        SEA STATES
        SOIL EROSION
        TURBULENCE
        WATER CIRCULATION

WIND ENERGY
  USE   WINDPOWER UTILIZATION

WIND EROSION
  1306 3009
  GS    EROSION
        #WIND EROSION
  RT    ATMOSPHERIC EFFECTS
        GROUND WIND
        SEA BREEZE
        WATER EROSION

WIND MEASUREMENT
  1301 1302 1408 2003
  GS    MECHANICAL MEASUREMENT
        #WIND MEASUREMENT
        ..WIND VELOCITY MEASUREMENT
  RT    AERODYNAMICS
        ANEMOMETERS
        HOT-FILM ANEMOMETERS
      % MEASUREMENT
        METEOROLOGICAL PARAMETERS
        METEOROLOGY
        RAWINSONDES
        SEA BREEZE
        SMOKE TRAILS

WIND PRESSURE
  1203 1301 1302 1408 2003 3501
  GS    PRESSURE
        #WIND PRESSURE
  RT    DYNAMIC LOADS
        GROUND WIND
        GUST LOADS
        LOADS (FORCES)
        WINDPOWER UTILIZATION
        WINDPOWERED GENERATORS

WIND PROFILES
  1203 1301 1302 2003 3501
  RT    ATMOSPHERIC CIRCULATION
        GROUND WIND
      % PROFILES
        RADIAL DISTRIBUTION
        SMOKE TRAILS
        VERTICAL DISTRIBUTION
        ZONAL FLOW (METEOROLOGY)

WIND RIVER RANGE (WY)
  1305 1306
  GS    LANDFORMS
        .MOUNTAINS
        .#WIND RIVER RANGE (WY)
  RT    WYOMING

WIND SHEAR
  1203 1301 1302 2003 3501
  UF    DUNGEYS WIND SHEAR MECHANISM
  RT    AVIATION METEOROLOGY
        BAROTROPIC FLOW
        CLEAR AIR TURBULENCE
        DOWNBURSTS
        GEOSTROPHIC WIND
        GROUND WIND
        MICROBURSTS (METEOROLOGY)

WIND TUNNEL APPARATUS
  1106 1108 1110 1203 3501
  UF    WIND TUNNEL BALANCES
  GS   #WIND TUNNEL APPARATUS
        .WIND TUNNEL DRIVES
        .WIND TUNNEL NOZZLES
  RT % EQUIPMENT
        SUPERSONIC TEST APPARATUS

WIND TUNNEL BALANCES
  USE   WEIGHT INDICATORS
        WIND TUNNEL APPARATUS

WIND TUNNEL CALIBRATION
  1108 1110 1406 3501
  GS    CALIBRATING
        #WIND TUNNEL CALIBRATION
  RT    MEASURING INSTRUMENTS
        PRESSURE MEASUREMENT
        SCALING LAWS
        TEMPERATURE MEASUREMENT

WIND TUNNEL DRIVES
  1110 1202 1203 2501
  GS    WIND TUNNEL APPARATUS
        #WIND TUNNEL DRIVES
  RT % DRIVES
     % FANS
        MECHANICAL DRIVES
        PLASMA GENERATORS
        PRESSURE CHAMBERS
        VACUUM CHAMBERS

WIND TUNNEL MODELS
  1107 1108 1110 3404
  GS    MODELS
        #WIND TUNNEL MODELS
        ..POWERED MODELS
  RT    AERODYNAMIC CONFIGURATIONS
        AIRCRAFT MODELS
        DYNAMIC MODELS
        FLOW VISUALIZATION
     % MISSILE SIMULATORS
        PYLON MOUNTING
        SCALE MODELS
        SEMISPAN MODELS
        SHADOWGRAPH PHOTOGRAPHY
     % TEST EQUIPMENT

WIND TUNNEL NOZZLES
  1110 1202 1203 1504
  GS    WIND TUNNEL APPARATUS
        #WIND TUNNEL NOZZLES
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  RT   CONICAL NOZZLES
       CONVERGENT-DIVERGENT NOZZLES
       DIVERGENT NOZZLES
       HYPERSONIC NOZZLES
     % NOZZLES
       SUPERSONIC NOZZLES
       TRANSONIC NOZZLES

WIND TUNNEL STABILITY TESTS
  0101 1108 1110 3203
  GS   STABILITY TESTS
       #WIND TUNNEL STABILITY TESTS
  RT   AERODYNAMIC STABILITY
       AIRCRAFT STABILITY
       MISSILE TESTS
       SPACECRAFT STABILITY
     % TESTS

WIND TUNNEL TESTS
  1110
  RT   AERODYNAMIC CHARACTERISTICS
       AIR DATA SYSTEMS
       DENSITY MEASUREMENT
       FLOW DISTRIBUTION
       PRESSURE MEASUREMENT
     % TESTS
       TRISONIC WIND TUNNELS
       WATER TUNNEL TESTS

WIND TUNNEL WALLS
  1108 1110 3203
  GS   WALLS
       #WIND TUNNEL WALLS
  RT   PRESSURE VESSELS
       REINFORCED SHELLS

WIND TUNNELS
  1110
  GS   TEST FACILITIES
       #WIND TUNNELS
       ..BLOWDOWN WIND TUNNELS
       ..COMBUSTION WIND TUNNELS
       ..CRYOGENIC WIND TUNNELS
       ..HYPERSONIC WIND TUNNELS
       ...CASCADE WIND TUNNELS
       ...HOTSHOT WIND TUNNELS
       ...PLASMA JET WIND TUNNELS
       ...SHOCK TUNNELS
       ..HYPERVELOCITY WIND TUNNELS
       ...CASCADE WIND TUNNELS
       ...HOTSHOT WIND TUNNELS
       ...PLASMA JET WIND TUNNELS
       ...SHOCK TUNNELS
       ..LOW DENSITY WIND TUNNELS
       ..LOW SPEED WIND TUNNELS
       ...SUBSONIC WIND TUNNELS
       ..RECTANGULAR WIND TUNNELS
       ..SLOTTED WIND TUNNELS
       ..SUPERSONIC WIND TUNNELS
       ..TRANSONIC WIND TUNNELS
       ..TRISONIC WIND TUNNELS
  RT   AERODYNAMICS
       EXHAUST FLOW SIMULATION
       FLIGHT SIMULATORS
       GAS GUNS
       GAS STREAMS
       HYPERSONIC FLOW
       SPIKES (AERODYNAMIC CONFIGURATIONS)
       SUPERSONIC FLOW
       TEST CHAMBERS
     % TEST EQUIPMENT
       TRANSONIC FLOW
     % TUNNELS

WIND TURBINES
  0301
  GS   TURBOMACHINERY
       .TURBINES
       .#WIND TURBINES
       ...TIP VANES
  RT   TURBOGENERATORS
       WIND VELOCITY
       WINDMILLS (WINDPOWERED MACHINES)
       WINDPOWER UTILIZATION
       WINDPOWERED GENERATORS

WIND VANES
  0104 1203 1504 2002 2003 3501
  GS   DISPLAY DEVICES
       .FLOW DIRECTION INDICATORS
       .#WIND VANES
       MEASURING INSTRUMENTS
       .INDICATING INSTRUMENTS
       ..FLOW DIRECTION INDICATORS
       ..#WIND VANES
       .METEOROLOGICAL INSTRUMENTS
       .#WIND VANES
       VANES
       #WIND VANES
  RT   ANEMOMETERS
       HOT-FILM ANEMOMETERS

WIND VARIATIONS
  1203 1301 1302 2003 3501
  GS   VARIATIONS
       #WIND VARIATIONS
  RT   ANNUAL VARIATIONS
       ATMOSPHERIC TURBULENCE
       DIURNAL VARIATIONS
       SEASONS

WIND VELOCITY
  1203 1301 1302 2003 3009 3501
  GS   RATES (PER TIME)
       #WIND VELOCITY
       ..SOLAR WIND VELOCITY
       VELOCITY
       #WIND VELOCITY
       ..SOLAR WIND VELOCITY
  RT   AIRSPEED
       ANEMOMETERS
       FLOW MEASUREMENT
       GROUND WIND
       HOT-FILM ANEMOMETERS
       SEA ROUGHNESS
       WIND TURBINES
       WINDMILLS (WINDPOWERED MACHINES)
       WINDPOWER UTILIZATION
       WINDPOWERED GENERATORS

WIND VELOCITY MEASUREMENT
  1203 1301 1302 1406 2002 2003 3501
  GS   MECHANICAL MEASUREMENT
       .VELOCITY MEASUREMENT
       .#WIND VELOCITY MEASUREMENT
       .WIND MEASUREMENT
       .#WIND VELOCITY MEASUREMENT
  RT   ANEMOMETERS
       HOT-FILM ANEMOMETERS

WINDING
  1504 1507
  GS  #WINDING
       .FILAMENT WINDING
       .HELICAL WINDINGS
       .WIRE WINDING
  RT   COLD WORKING
       LEVELING
       METAL WORKING
       SPINDLES
       SPIRAL WRAPPING
       STRETCHING
       TWISTING

WINDMILLING
  USE  AUTOROTATION

WINDMILLS (WINDPOWERED MACHINES)
  0301 1308 1504 2003 2311 3404
  RT   ELECTRIC GENERATORS
       GEARS
       GROUND WIND
     % MACHINERY
       MECHANICAL DRIVES
     % POWER TRANSMISSION
```

```
     % PUMPING
       WIND (METEOROLOGY)
       WIND DIRECTION
       WIND TURBINES
       WIND VELOCITY
       WINDPOWER UTILIZATION
       WINDPOWERED GENERATORS
       WINDPOWERED PUMPS

WINDOW ATMOSPHERE SOUNDING PROJECTILE
  USE  WASP SOUNDING ROCKET

% WINDOWS
  0202 0701 0705 0901 2402
  SN   (USE OF A MORE SPECIFIC TERM IS
       RECOMMENDED--CONSULT THE TERMS
       LISTED BELOW)
  RT   INFRARED WINDOWS
       PORTS (OPENINGS)
       WAVEGUIDE WINDOWS
       WINDOWS (APERTURES)
       WINDOWS (INTERVALS)

WINDOWS (APERTURES)
  0202
  SN   (EXCLUDES INTERVALS IN TIME,
       FREQUENCY, ENERGY AND SO ON)
  RT   APERTURES
     % BARRIERS
       CURTAINS
       DOORS
       DUCTS
       OPENINGS
       OPTICAL MATERIALS
       PORTS (OPENINGS)
       SEPARATORS
       SHIELDING
       VENTS
     % WINDOWS
       WINDSHIELDS

WINDOWS (COMPUTER PROGRAMS)
  0802
  GS   GRAPHICAL USER INTERFACE
       #WINDOWS (COMPUTER PROGRAMS)
  RT   COMPUTER GRAPHICS
       OPERATING SYSTEMS (COMPUTERS)
       REAL TIME OPERATION
       SOFTWARE TOOLS

WINDOWS (INTERVALS)
  0705
  SN   (EXCLUDES INTERVALS IN SPACE
       CONTINUUM)
  GS  #WINDOWS (INTERVALS)
       .LASER WINDOWS
       .LAUNCH WINDOWS
  RT   BANDWIDTH
       BURNING TIME
       COUNTDOWN
       ENERGY BANDS
       FLIGHT TIME
       TESTING TIME
       TIME MEASUREMENT
     % WINDOWS

WINDPOWER UTILIZATION
  0104 0301 1301 1501 1504 2304 2308
  UF   WIND ENERGY
  GS   UTILIZATION
       #WINDPOWER UTILIZATION
  RT   AIR CURRENTS
       AIR MASSES
       ATMOSPHERIC CIRCULATION
       CLEAN ENERGY
       EARTH RESOURCES
       GROUND WIND
       SEA BREEZE
       VANES
       WIND (METEOROLOGY)
       WIND PRESSURE
       WIND TURBINES
       WIND VELOCITY
       WINDMILLS (WINDPOWERED MACHINES)
       WINDPOWERED GENERATORS
       WINDPOWERED PUMPS

WINDPOWERED GENERATORS
  0301 1308 1504 2003 2304 2311 3404
  RT   ELECTRIC GENERATORS
     % GENERATORS
       GROUND WIND
       VANES
       WIND (METEOROLOGY)
       WIND DIRECTION
       WIND PRESSURE
       WIND TURBINES
       WIND VELOCITY
       WINDMILLS (WINDPOWERED MACHINES)
       WINDPOWER UTILIZATION

WINDPOWERED PUMPS
  1501 1504 2311
  GS   PUMPS
       #WINDPOWERED PUMPS
  RT   PONDS
     % PUMPING
       RESERVOIRS
       VANES
       WATER
       WATER RESOURCES
       WINDMILLS (WINDPOWERED MACHINES)
       WINDPOWER UTILIZATION

WINDS ALOFT
  0101 0201 1203 1302 2003 3501
  GS   WIND (METEOROLOGY)
       #WINDS ALOFT
       ..GEOSTROPHIC WIND
       ..JET STREAMS (METEOROLOGY)
  RT   CIRCUMPOLAR WESTERLIES
       SEA BREEZE
       VERTICAL AIR CURRENTS

WINDSCREENS
  USE  WINDSHIELDS

WINDSHIELDS
  0202 0203
  UF   WINDSCREENS
  RT   AIRCRAFT COMPARTMENTS
       CANOPIES
       COCKPITS
       ENVIRONMENTAL CONTROL
       LOCOMOTIVES
       SHIELDING
       WINDOWS (APERTURES)

WINES
  0505
  GS   LIQUIDS
       .POTABLE LIQUIDS
       ..BEVERAGES
       ..#WINES
  RT   VINEYARDS

WING CAMBER
  0101 0102 0104 1203 3501
  GS   CAMBER
       #WING CAMBER
  RT   CAMBERED WINGS
       CONICAL CAMBER
       MISSION ADAPTIVE WINGS

WING FLAPS
  0102 0104 0202
  UF   JET AUGMENTED WING FLAPS
  GS   AIRFOILS
       .FLAPS (CONTROL SURFACES)
       .#WING FLAPS
       ...LEADING EDGE FLAPS
       ...LEADING EDGE SLATS
       ...TRAILING EDGE FLAPS
       ...VORTEX FLAPS
       BRAKES (FOR ARRESTING MOTION)
```

```
        .AERODYNAMIC BRAKES
        .#WING FLAPS
        ...LEADING EDGE FLAPS
        ...LEADING EDGE SLATS
        ...TRAILING EDGE FLAPS
        ...VORTEX FLAPS
        .AIRCRAFT BRAKES
        .#WING FLAPS
        ...LEADING EDGE SLATS
        ...TRAILING EDGE FLAPS
        CONTROL SURFACES
        .FLAPS (CONTROL SURFACES)
        .#WING FLAPS
        ...LEADING EDGE FLAPS
        ...LEADING EDGE SLATS
        ...TRAILING EDGE FLAPS
        ...VORTEX FLAPS
        DRAG DEVICES
        .AERODYNAMIC BRAKES
        .#WING FLAPS
        ...LEADING EDGE FLAPS
        ...LEADING EDGE SLATS
        ...TRAILING EDGE FLAPS
        ...VORTEX FLAPS
  RT    EXTERNALLY BLOWN FLAPS
        JET FLAPS
        SPLIT FLAPS

WING FLOW METHOD TESTS
  0101 0102 0104 1108 1202 1203
  RT    FLIGHT TESTS
        FLUID FLOW
        GROUND TESTS
      % METHODOLOGY
      % TESTS
        TRANSONIC WIND TUNNELS

WING ICING
  USE   AIRCRAFT ICING

WING LOADING
  0101 0102 0104 3203
  GS    AERODYNAMIC FORCES
        #WING LOADING
        LOADS (FORCES)
        .DYNAMIC LOADS
        .#WING LOADING
  RT    AERODYNAMIC LOADS
        AEROELASTICITY
        EDGE LOADING
        FORCE DISTRIBUTION
        GUST LOADS
        LEADING EDGE THRUST
        STATIC LOADS
        SWEEP EFFECT
        VORTEX FLAPS

WING NACELLE CONFIGURATIONS
  0102
  GS    AERODYNAMIC CONFIGURATIONS
        #WING NACELLE CONFIGURATIONS
  RT %  AIRCRAFT
        AIRFRAMES
        EXTERNALLY BLOWN FLAPS

WING OSCILLATIONS
  0101 0104
  GS    OSCILLATIONS
        .AIRFOIL OSCILLATIONS
        .#WING OSCILLATIONS
  RT    AERODYNAMIC STABILITY
        AEROELASTIC RESEARCH WINGS
        FLAPPING
        FLUTTER
        STABLE OSCILLATIONS
        UNDAMPED OSCILLATIONS
        UNSTEADY AERODYNAMICS
        VIBRATION

WING PANELS
  0102 0103 0104 0202
  GS    PANELS
        #WING PANELS
        STRUCTURAL MEMBERS
        #WING PANELS
  RT    CURVED PANELS
        RECTANGULAR PANELS
        WINGS

WING PLANFORMS
  0102 0104 0202
  GS    PLANFORMS
        #WING PLANFORMS
        ..CHANNEL WINGS
        ..INFINITE SPAN WINGS
        ..SWEPT FORWARD WINGS
        ...TRAPEZOIDAL WINGS
        ..SWEPTBACK WINGS
        ...ARROW WINGS
        ...DELTA WINGS
        ...TRAPEZOIDAL WINGS
        ..VARIABLE SWEEP WINGS
  RT    HP-115 AIRCRAFT
        LOW ASPECT RATIO WINGS
        MONOPLANES
        OBLIQUE WINGS
        RECTANGULAR PLANFORMS
        SLENDER WINGS
        SWEPT WINGS
        SWING WINGS
        THRUST DISTRIBUTION
        UNSWEPT WINGS

WING PROFILES
  0101 0102 0104 0201 1203 3501
  GS    AIRFOIL PROFILES
        #WING PROFILES
        ..WING SPAN
  RT    AERODYNAMIC INTERFERENCE
        GAW-1 AIRFOIL
        GAW-2 AIRFOIL
        MISSION ADAPTIVE WINGS
        MONOPLANES
        SUPERCRITICAL WINGS
        SWING WINGS
        WINGS

WING ROOTS
  0102 0103 0104
  RT    AERODYNAMIC CONFIGURATIONS
        AIRCRAFT CONFIGURATIONS
        DROOPED AIRFOILS
        FAIRINGS
      % ROOTS

WING SLATS
  USE   LEADING EDGE SLATS

WING SLOTS
  0102 0103 0104
  GS    SLOTS
        #WING SLOTS
  RT    BOUNDARY LAYER CONTROL
        LEADING EDGE SLATS
        VORTEX GENERATORS

WING SPAN
  0101 0102 0104 0201
  GS    AIRFOIL PROFILES
        .WING PROFILES
        .#WING SPAN
  RT %  SPAN
        SPANWISE BLOWING
        WINGS

WING TANKS
  0102 0104 0202 2701
  GS    TANKS (CONTAINERS)
        .FUEL TANKS
        .#WING TANKS
  RT %  CONTAINERS
        EXTERNAL STORE SEPARATION
        EXTERNAL STORES
        EXTERNAL TANKS
        JETTISON SYSTEMS
```

WING-FUSELAGE STORES

WING TIP VORTICES
0101 1201 2311 3501
GS VORTICES
#WING TIP VORTICES
RT BLADE-VORTEX INTERACTION
FLOW DISTORTION
HORSESHOE VORTICES
ROTATING FLUIDS

WING TIPS
0102 0103 0104
GS TIPS
#WING TIPS
RT AIRFOIL PROFILES
BLADE TIPS
JOINED WINGS
WINGS

WING-FUSELAGE STORES
0101 0102 0103
RT EXTERNAL STORE SEPARATION
EXTERNAL STORES
FUSELAGES
NACELLES
PODS (EXTERNAL STORES)
PROTUBERANCES
% STORAGE
STORAGE TANKS
TANKS (CONTAINERS)
WEAPONS
WING TANKS

% WINGED VEHICLES
0102 0104 0201
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT % AIRCRAFT
B-1 AIRCRAFT
DRONE VEHICLES
FIREBEE 2 TARGET DRONE AIRCRAFT
GLIDERS
HANG GLIDERS
HYPERSONIC VEHICLES
JET AIRCRAFT
KA-6 SAILPLANES
LAUNCH VEHICLES
LEADING EDGE FLAPS
MAN POWERED AIRCRAFT
MISSILES
MONOPLANES
RECOVERABLE LAUNCH VEHICLES
RECOVERABLE SPACECRAFT
REENTRY VEHICLES
RESEARCH AIRCRAFT
ROCKET VEHICLES
SHORT TAKEOFF AIRCRAFT
SUPERCRITICAL WINGS
ULTRALIGHT AIRCRAFT
% VEHICLES
VERTICAL TAKEOFF AIRCRAFT
WINGS

WINGLETS
0204
RT DRAG REDUCTION
FINS
PROTUBERANCES
VORTEX ALLEVIATION
VORTEX AVOIDANCE
WINGS

WINGS
0104
UF CANTILEVER WINGS
GS AIRFOILS
#WINGS
..AEROELASTIC RESEARCH WINGS
..CAMBERED WINGS
..CARET WINGS
..CHANNEL WINGS
..CRUCIFORM WINGS
..FIXED WINGS
..FLEXIBLE WINGS
...PARAWINGS
..GAW-1 AIRFOIL
..GAW-2 AIRFOIL
..JOINED WINGS
..LOW ASPECT RATIO WINGS
...DELTA WINGS
...TRAPEZOIDAL WINGS
..MISSION ADAPTIVE WINGS
..OBLIQUE WINGS
..RIGID WINGS
..ROTARY WINGS
...CIRCULATION CONTROL ROTORS
...LIFTING ROTORS
....BEARINGLESS ROTORS
...RIGID ROTORS
...TILTING ROTORS
...TIP DRIVEN ROTORS
...X WING ROTORS
..SLENDER WINGS
...INFINITE SPAN WINGS
..SUPERCRITICAL WINGS
..SWEPT WINGS
...SWEPT FORWARD WINGS
....TRAPEZOIDAL WINGS
...SWEPTBACK WINGS
....ARROW WINGS
....DELTA WINGS
....TRAPEZOIDAL WINGS
..SWING WINGS
..THIN WINGS
...INFINITE SPAN WINGS
..TWISTED WINGS
..UNCAMBERED WINGS
...RING WINGS
..UNSWEPT WINGS
...INFINITE SPAN WINGS
...RECTANGULAR WINGS
...RING WINGS
..VARIABLE SWEEP WINGS
RT AIRCRAFT CONSTRUCTION MATERIALS
AIRCRAFT PARTS
AIRCRAFT STRUCTURES
AIRFOIL FENCES
AIRFRAMES
ASPECT RATIO
BLUNT TRAILING EDGES
BODY-WING AND TAIL CONFIGURATIONS
BODY-WING CONFIGURATIONS
COATINGS
CONTROL SURFACES
DROOPED AIRFOILS
DUAL WING CONFIGURATIONS
LEADING EDGE FLAPS
MISSILE COMPONENTS
POROUS BOUNDARY LAYER CONTROL
ROTORS
SPOILERS
WING PANELS
WING PROFILES
WING SPAN
WING TIPS
% WINGED VEHICLES
WINGLETS

WINTER
2001 2003
GS SEASONS
#WINTER
RT AUTUMN
COLD WEATHER
EQUINOXES
PRESSURE ICE
SOLSTICES
SPRING (SEASON)
SUMMER

WIRE
0701 0902 0904 0905 1504 1704
GS #WIRE

```
        .ELECTRIC WIRE
        .EXPLODING WIRES
        .GUY WIRES
  RT    BILLETS
        CABLES (ROPES)
      % COILS
        CORDAGE
        FASTENERS
      % FILAMENTS
        FLAT CONDUCTORS
        JUMPERS
        REINFORCEMENT (STRUCTURES)
        RODS
        WIRING

WIRE BRIDGE CIRCUITS
  0902 0905 1001
  GS    CIRCUITS
        .ELECTRIC BRIDGES
        .#WIRE BRIDGE CIRCUITS
        ...WHEATSTONE BRIDGES
  RT    ELECTRIC WIRE
        EXPLODING WIRES

WIRE CLOTH
  0903 1704 3203
  UF    WIRE MESH
  RT    FABRICS
        REINFORCEMENT (STRUCTURES)
      % SCREENS
        SIEVES

WIRE GRID LENSES
  1407 1412 2310
  GS    LENSES
        #WIRE GRID LENSES
        RETICLES
        #WIRE GRID LENSES
  RT  % GRIDS
        LENS ANTENNAS
        MAGNETIC LENSES
        TURNSTILE ANTENNAS

WIRE MESH
  USE   WIRE CLOTH

WIRE WINDING
  1002 1507 1704
  GS    WINDING
        #WIRE WINDING
  RT    MAGNET COILS
        WIRING

WIRELESS COMMUNICATION
  0702 0705 0709
  UF    CARRIER SYSTEMS
  GS    TELECOMMUNICATION
        #WIRELESS COMMUNICATION
  RT    AIRCRAFT COMMUNICATION
        CLOSED CIRCUIT TELEVISION
        COMMUNICATION SATELLITES
        DATA LINKS
        DATA TRANSMISSION
        DIGITAL SPACECRAFT TELEVISION
        FACSIMILE COMMUNICATION
        OPTICAL COMMUNICATION
        RADIO TELEMETRY
        SIGNAL TRANSMISSION
        SPACE COMMUNICATION
        SPACECRAFT COMMUNICATION
        TELEMETRY
        VOICE COMMUNICATION

WIRING
  0902 0904 1001 2304
  SN    (PROCESS--AS DISTINGUISHED FROM
        MATERIAL)
  UF    ELECTRIC WIRING
        WIRING SYSTEMS
  RT    BUNDLES
        CIRCUITS
        ELECTRICAL INSULATION
        FLAT CONDUCTORS
        SPLICING
        TRANSMISSION LINES
        WIRE
        WIRE WINDING

WIRING SYSTEMS
  USE   WIRING

WISCONSIN
  1305
  GS    NATIONS
        .UNITED STATES
        .#WISCONSIN

WISWESSER NOTATIONS
  0601 0603
  GS    CLASSIFICATIONS
        .INDEXES (DOCUMENTATION)
        .#WISWESSER NOTATIONS
        CODING
        #WISWESSER NOTATIONS
  RT  % CHEMICAL COMPOUNDS
      % CHEMISTRY
        IDENTIFYING
        MOLECULAR STRUCTURE
      % REFERENCE SYSTEMS

WKB APPROXIMATION
  USE   WENTZEL-KRAMER-BRILLOUIN METHOD

WOLF-RAYET STARS
  3001
  UF    W STARS
        W-R STARS
  GS    CELESTIAL BODIES
        .STARS
        ..EARLY STARS
        ...HOT STARS
        ...#WOLF-RAYET STARS
  RT    A STARS
        ASTROPHYSICS
        B STARS
        CARBON STARS
        CELESTIAL MECHANICS
        EJECTA
        HELIUM
        NITROGEN
        O STARS
        STELLAR ENVELOPES
        STELLAR LUMINOSITY
        STELLAR MASS EJECTION
        WHITE DWARF STARS

WOLFRAM
  USE   TUNGSTEN

WOLVES
  0402
  GS    ANIMALS
        .VERTEBRATES
        ..MAMMALS
        ..#WOLVES

WOMEN
  USE   FEMALES

WOOD
  0409 1805
  GS   #WOOD
        .CORK (MATERIALS)
        .PLYWOOD
  RT    BALSA
        CELLULOSE
        MASONITE (TRADEMARK)
        ORGANIC MATERIALS
        PAPER (MATERIAL)
        PLANTS (BOTANY)
        SLIVERS
        TREES (PLANTS)
        WOODEN STRUCTURES

WOODEN STRUCTURES
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```
  0101 0102 3203
  RT   PLYWOOD
     % STRUCTURES
       WOOD

WOOL
  0402 0508 1811
  SN   (LIMITED TO ANIMAL FIBERS)
  GS   FABRICS
       #WOOL
       FIBERS
       #WOOL
  RT   FELTS
       HAIR
       KERATINS
       ORGANIC MATERIALS
       SHEEP
       YARNS

WORD PROCESSING
  0708 4001
  RT   COMPUTER TECHNIQUES
       DATA PROCESSING
       OFFICE AUTOMATION
       WORDS (LANGUAGE)

WORDS (LANGUAGE)
  0702 0703 3405
  GS   COMMUNICATION THEORY
       #WORDS (LANGUAGE)
       ..SYLLABLES
       LANGUAGES
       .SENTENCES
       .#WORDS (LANGUAGE)
       ...SYLLABLES
       LINGUISTICS
       .SYNTAX
       ..SENTENCES
       ..#WORDS (LANGUAGE)
       ....SYLLABLES
       SPEECH
       .TALKING
       .#WORDS (LANGUAGE)
       ...SYLLABLES
  RT   CONSONANTS (SPEECH)
       CONVERSATION
       ENGLISH LANGUAGE
       GRAMMARS
       MESSAGES
       ORTHOGRAPHY
       PHONEMES
       PHONEMICS
       PHONETICS
       SEMANTICS
       TERMINOLOGY
       THESAURI
       VERBAL COMMUNICATION
       VOICE COMMUNICATION
       VOWELS
       WORD PROCESSING

WORK
  2308 2311 3406
  GS   #WORK
       .PHYSICAL WORK
  RT % ENERGY
       HEAT
       HORSEPOWER
       KINETIC ENERGY
       OCCUPATION
       PHYSICAL FACTORS

WORK CAPACITY
  1504 2308
  RT   HYPERKINESIA
       ORBITAL WORKERS
       PHYSICAL FITNESS
       PHYSICAL WORK
       WORKLOADS (PSYCHOPHYSIOLOGY)

WORK FUNCTIONS
  1902 2402 2403 2603 3304
  UF   SCHOTTKY EFFECT
  RT   ELECTRON EMISSION
     % FUNCTIONS
       IONIZATION POTENTIALS
       PERVEANCE
       PHOTOELECTRIC EMISSION
       SCHOTTKY DIODES
       THERMIONIC EMISSION

WORK HARDENING
  2601 2603 3203
  GS   HARDENING (MATERIALS)
       #WORK HARDENING
       ..STRAIN HARDENING
  RT   COLD HARDENING
       MECHANICAL TWINNING
       METAL WORKING
       PEENING
       SHOT PEENING
       WORK SOFTENING

WORK SOFTENING
  1202
  GS   SOFTENING
       #WORK SOFTENING
  RT   MICROSTRUCTURE
       PLASTIC DEFORMATION
       WORK HARDENING

WORK-REST CYCLE
  1504 3203
  GS   CYCLES
       #WORK-REST CYCLE
  RT   FATIGUE (BIOLOGY)
       RELAXATION (PHYSIOLOGY)

WORKHORSE HELICOPTER
  USE  CH-21 HELICOPTER

WORKING FLUIDS
  0303 1202 1203 1504 2501
  RT   CONSUMABLES (SPACECRAFT)
       FERROFLUIDS
       FLUID POWER
       FLUID TRANSMISSION LINES
     % FLUIDS
       HIGH TEMPERATURE FLUIDS
       HYDRAULIC FLUIDS
       JET CONDENSERS
       PHASE CHANGE MATERIALS
       SULFUR HEXAFLUORIDE
       TRANSMISSION FLUIDS

WORKLOADS (PSYCHOPHYSIOLOGY)
  0408 0410 0502
  RT   FATIGUE (BIOLOGY)
       HUMAN PERFORMANCE
       MENTAL PERFORMANCE
       PHYSICAL WORK
       PSYCHOMOTOR PERFORMANCE
       PSYCHOPHYSIOLOGY
       STRESS (PSYCHOLOGY)
       WORK CAPACITY

WORKSTATIONS
  3406
  GS   STATIONS
       #WORKSTATIONS
  RT   HUMAN FACTORS ENGINEERING
       MAN MACHINE SYSTEMS
       PRODUCTIVITY
       UNIX (OPERATING SYSTEM)

WORLD
  USE  EARTH (PLANET)

WORLD DATA CENTERS
  0803 3405 3409
  RT % CENTERS
     % DATA
       DATA RETRIEVAL
       DATA STORAGE
       INTERNATIONAL GEOPHYSICAL YEAR
```

```
      LIBRARIES
      TRANSOCEANIC SYSTEMS

WORLD METEOROLOGICAL ORGANIZATION
  3403
  GS  ORGANIZATIONS
      #WORLD METEOROLOGICAL ORGANIZATION
  RT  INTERNATIONAL COOPERATION
      METEOROLOGY
      UNITED NATIONS

WORMS
  0402 0404
  GS  ANIMALS
      .INVERTEBRATES
      .#WORMS
      ...FLATWORMS
  RT  INFESTATION
      LARVAE
      ROTIFERA

WOUND HEALING
  0405 0408
  GS  HEALING
      #WOUND HEALING
  RT  INJURIES

WOVEN COMPOSITES
  1507 1704 1801 1805 1809
  GS  COMPOSITE MATERIALS
      .FIBER COMPOSITES
      .#WOVEN COMPOSITES
  RT  BRAIDED COMPOSITES
      CARBON FIBER REINFORCED PLASTICS
      EPOXY MATRIX COMPOSITES
      FABRICS
      GLASS FIBER REINFORCED PLASTICS
      GRAPHITE-EPOXY COMPOSITES
      REINFORCING FIBERS
      THREE DIMENSIONAL COMPOSITES
      WEAVING

WRANGELL MOUNTAINS (AK)
  1305 1306
  GS  LANDFORMS
      .MOUNTAINS
      .#WRANGELL MOUNTAINS (AK)
  RT  ALASKA

% WRAP
  1507 2305
  SN  (USE OF A MORE SPECIFIC TERM IS
      RECOMMENDED--CONSULT THE TERMS
      LISTED BELOW)
  RT  COMPOSITE WRAPPING
      PACKAGING

WRAPAROUND CONTACT SOLAR CELLS
  USE  SOLAR CELLS

WRECKAGE
  0201 3201
  RT  ACCIDENT INVESTIGATION
      ACCIDENTS
      CRASHES
      SABOTAGE
      SPACECRAFT BREAKUP

WRENCHES
  1504
  GS  TOOLS
      #WRENCHES

WRINKLING
  1704 3203
  GS  #WRINKLING
      .FLANGE WRINKLING
  RT  BUCKLING
      DEFORMATION
      DISTORTION
    % RIDGES

WRIST
  0404
  GS  ANATOMY
      .MUSCULOSKELETAL SYSTEM
      ..JOINTS (ANATOMY)
      ..#WRIST
  RT  ARM (ANATOMY)
      HAND (ANATOMY)

WROUGHT ALLOYS
  1504 1701 1704
  GS  ALLOYS
      #WROUGHT ALLOYS
  RT  RENE 41
      RENE 63
      RENE 77
      WASPALOY

WU-2 AIRCRAFT
  USE  U-2 AIRCRAFT

WURTZITE
  1804 1806 2602
  GS  CHALCOGENIDES
      .SULFIDES
      ..INORGANIC SULFIDES
      ...ZINC SULFIDES
      ...#WURTZITE
      MINERALS
      #WURTZITE
      SULFUR COMPOUNDS
      .SULFIDES
      ..INORGANIC SULFIDES
      ...ZINC SULFIDES
      ...#WURTZITE
      ZINC COMPOUNDS
      .ZINC SULFIDES
      .#WURTZITE

WYOMING
  1305
  GS  NATIONS
      .UNITED STATES
      .#WYOMING
  RT  BIGHORN MOUNTAINS (MT-WY)
      BLACK HILLS (SD-WY)
      WIND RIVER RANGE (WY)
      YELLOWSTONE NATIONAL PARK
      (ID-MT-WY)

W2F AIRCRAFT
  USE  E-2 AIRCRAFT

X BAND
  USE  SUPERHIGH FREQUENCIES

X MESONS
  2403
  GS  PARTICLES
      .ELEMENTARY PARTICLES
      ..BOSONS
      ...MESONS
      ....MESON RESONANCE
      ....#X MESONS
      .NUCLEAR PARTICLES
      ..BOSONS
      ...MESONS
      ....MESON RESONANCE
      ....#X MESONS
      RESONANCE
      .MESON RESONANCE
      .#X MESONS

X RAY ABSORPTION
  1704 2402 2406
  GS  ENERGY ABSORPTION
      .RADIATION ABSORPTION
      ..ELECTROMAGNETIC ABSORPTION
      ..#X RAY ABSORPTION
  RT % ABSORPTION
      ELECTRON SPECTROSCOPY
      X RAY DETECTORS
```

```
X RAY ANALYSIS
  0501 1108 1404 2406 3501
  SN   (EXCLUDES X RAY STRESS ANALYSIS)
  GS  #X RAY ANALYSIS
       .LAUE METHOD
       .X RAY SPECTROSCOPY
  RT % ANALYZING
       CHEMICAL ANALYSIS
       CRYSTALLOGRAPHY
       DEFECTS
       FLUOROSCOPY
       LATTICE PARAMETERS
     % MATERIALS TESTS
       MICROANALYSIS
       MICROBEAMS
       RADIOGRAPHY
       RADIOLOGY
       STEREOCHEMISTRY
       TOMOGRAPHY

X RAY APPARATUS
  0501 1108 2402 2406
  GS   MEDICAL EQUIPMENT
       #X RAY APPARATUS
       ..LIXISCOPES
       ..X RAY TUBES
  RT % EQUIPMENT
       RADIOGRAPHY
       X RAY DETECTORS

X RAY ASTRONOMY
  1412 2402 2406 3001
  GS   ASTRONOMY
       #X RAY ASTRONOMY
  RT   COSMIC X RAYS
       EXOSAT SATELLITE
       GAMMA RAY ASTRONOMY
       GAMMA RAY BURSTS
       GINGA SATELLITE
       GRAZING INCIDENCE TELESCOPES
       LIXISCOPES
       RADIOGRAPHY
       ROSAT MISSION
       SAS-3
       TENMA SATELLITE
       UHURU SATELLITE
       ULTRAVIOLET TELESCOPES
       X RAY ASTROPHYSICS FACILITY
       X RAY BINARIES
       X RAY DETECTORS
       X RAY SOURCES
       X RAY STARS

X RAY ASTROPHYSICS FACILITY
  3001
  UF   ADVANCED X RAY ASTROPHYSICS
       FACILITY
       AXAF
  GS   ARTIFICIAL SATELLITES
       .SCIENTIFIC SATELLITES
       ..ASTRONOMICAL SATELLITES
       ..#X RAY ASTROPHYSICS FACILITY
       OBSERVATORIES
       .ASTRONOMICAL OBSERVATORIES
       ..ASTRONOMICAL SATELLITES
       ..#X RAY ASTROPHYSICS FACILITY
       PAYLOADS
       .SPACE SHUTTLE PAYLOADS
       .#X RAY ASTROPHYSICS FACILITY
       TELESCOPES
       .SPACEBORNE TELESCOPES
       .#X RAY ASTROPHYSICS FACILITY
       .X RAY TELESCOPES
       .#X RAY ASTROPHYSICS FACILITY
  RT   ASTROPHYSICS
     % FACILITIES
       SPACEBORNE ASTRONOMY
       X RAY ASTRONOMY

X RAY BINARIES
  3001 3002
  GS   CELESTIAL BODIES
       .STARS
       ..DOUBLE STARS
       ...BINARY STARS
       ...#X RAY BINARIES
       ..X RAY STARS
       ..#X RAY BINARIES
       X RAY SOURCES
       .X RAY STARS
       .#X RAY BINARIES
  RT   ACCRETION DISKS
       ASTROPHYSICS
       BLACK HOLES (ASTRONOMY)
       COMPANION STARS
       COSMIC X RAYS
       ECLIPSING BINARY STARS
       NEUTRON STARS
       STELLAR MASS ACCRETION
       X RAY ASTRONOMY
       X RAYS

X RAY DENSITY MEASUREMENT
  1406 2402 2406
  GS   DENSITY MEASUREMENT
       #X RAY DENSITY MEASUREMENT
  RT   FLUX DENSITY

X RAY DETECTORS
  1406 1409
  GS   MEASURING INSTRUMENTS
       .RADIATION MEASURING INSTRUMENTS
       ..ACTINOMETERS
       ..#X RAY DETECTORS
  RT   BOLOMETERS
       INFRARED DETECTORS
       MULTI-ANODE MICROCHANNEL ARRAYS
       PHOTODIODES
       PHOTOMETERS
       RADIOMETERS
       ULTRAVIOLET DETECTORS
       X RAY ABSORPTION
       X RAY APPARATUS
       X RAY ASTRONOMY
       X RAY SPECTROSCOPY
       X RAY TELESCOPES
       X RAYS

X RAY DIFFRACTION
  0710 2402 2406
  GS   DIFFRACTION
       #X RAY DIFFRACTION
  RT   CRYSTALLOGRAPHY
       ELECTRON DIFFRACTION
       LAUE METHOD
       METALLOGRAPHY
       RADIOGRAPHY
       X RAY OPTICS

X RAY FLUORESCENCE
  0605 2306 2402 2406
  GS   EMISSION
       .LIGHT EMISSION
       ..LUMINESCENCE
       ...FLUORESCENCE
       ...#X RAY FLUORESCENCE
       ...PHOTOLUMINESCENCE
       ...#X RAY FLUORESCENCE
  RT   RADIOGRAPHY

X RAY IMAGERY
  2402
  GS   IMAGERY
       #X RAY IMAGERY
  RT   IMAGING TECHNIQUES
       INFRARED IMAGERY
       LIXISCOPES
       MICROWAVE IMAGERY
       RADAR IMAGERY
       RADIOGRAPHY

X RAY INSPECTION
  0501 1505 2406
  GS   INSPECTION
       #X RAY INSPECTION
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  RT   NONDESTRUCTIVE TESTS
       RADIOGRAPHY
     % TESTS

X RAY IRRADIATION
  0411 0501 2402 2406
  GS   IRRADIATION
       #X RAY IRRADIATION

X RAY LASERS
  0405 1601
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       .#X RAY LASERS
  RT   ELECTRON TRANSITIONS
       LASER OUTPUTS

X RAY OPTICS
  1412 2310
  RT   GEOMETRICAL OPTICS
       GRAZING INCIDENCE
       MIRRORS
     % OPTICS
       X RAY DIFFRACTION
       X RAY TELESCOPES
       X RAYS

X RAY SCATTERING
  1704 2402 2406 2601
  GS   SCATTERING
       .WAVE SCATTERING
       ..ELECTROMAGNETIC SCATTERING
       ..#X RAY SCATTERING
  RT   FORM FACTORS

X RAY SOURCES
  1412 2402 2406 2903
  GS  #X RAY SOURCES
       .X RAY STARS
       ..X RAY BINARIES
  RT   COOLING FLOWS (ASTROPHYSICS)
       COSMIC X RAYS
       EXOSAT SATELLITE
       GALACTIC BULGE
     % RADIATION
       ROSAT MISSION
       X RAY ASTRONOMY
       X RAYS

X RAY SPECTRA
  0601 1412 2903
  GS   SPECTRA
       .RADIATION SPECTRA
       ..ELECTROMAGNETIC SPECTRA
       ..#X RAY SPECTRA
  RT   GINGA SATELLITE
       NORTH POLAR SPUR (ASTRONOMY)
       QUASARS
       SOLAR SPECTRA
       STELLAR SPECTRA
       TENMA SATELLITE

X RAY SPECTROGRAPHY
  USE  X RAY SPECTROSCOPY

X RAY SPECTROMETRY
  USE  X RAY SPECTROSCOPY

X RAY SPECTROPOLARIMETRY PAYLOAD
  USE  EXPOS (SPACELAB PAYLOAD)

X RAY SPECTROSCOPY
  1404 1411 2406 2903
  UF   X RAY SPECTROGRAPHY
       X RAY SPECTROMETRY
  GS   SPECTROSCOPY
       #X RAY SPECTROSCOPY
       X RAY ANALYSIS
       #X RAY SPECTROSCOPY
  RT   ASTRONOMICAL SPECTROSCOPY
     % MATERIALS TESTS
       MOLECULAR SPECTROSCOPY
       RADIO SPECTROSCOPY
       RADIOGRAPHY
       SPECTROSCOPIC ANALYSIS
       ULTRAVIOLET SPECTROSCOPY
       VACUUM SPECTROSCOPY
       X RAY DETECTORS

X RAY STARS
  1406 1412 2309 2402 3001 3002
  UF   EXTARS
  GS   CELESTIAL BODIES
       .STARS
       .#X RAY STARS
       ...X RAY BINARIES
       X RAY SOURCES
       #X RAY STARS
       ..X RAY BINARIES
  RT   EMISSION SPECTRA
       GINGA SATELLITE
       NEUTRON STARS
       RADIATION SOURCES
       STELLAR RADIATION
       TENMA SATELLITE
       UHURU SATELLITE
       X RAY ASTRONOMY
       X RAY TELESCOPES
       X RAYS

X RAY STRESS ANALYSIS
  1404
  GS   STRESS ANALYSIS
       #X RAY STRESS ANALYSIS
  RT   STRESSES
       TEMPERATURE INVERSIONS

X RAY STRESS MEASUREMENT
  1404 1406 2406 3203
  GS   MECHANICAL MEASUREMENT
       .STRESS MEASUREMENT
       .#X RAY STRESS MEASUREMENT

X RAY TELESCOPES
  1404 1412 2406 3001
  GS   TELESCOPES
       #X RAY TELESCOPES
       ..X RAY ASTROPHYSICS FACILITY
  RT   GRAZING INCIDENCE TELESCOPES
       RADIOGRAPHY
       ROSAT MISSION
       X RAY DETECTORS
       X RAY OPTICS
       X RAY STARS

X RAY TIMING EXPLORER
  3107
  GS   ARTIFICIAL SATELLITES
       .SCIENTIFIC SATELLITES
       ..EXPLORER SATELLITES
       ..#X RAY TIMING EXPLORER

X RAY TUBES
  0501
  GS   MEDICAL EQUIPMENT
       .X RAY APPARATUS
       .#X RAY TUBES
  RT   ELECTRON TUBES
       RADIOGRAPHY

X RAYS
  0405 0411 2402 2903
  GS   ELECTROMAGNETIC RADIATION
       #X RAYS
       ..COSMIC X RAYS
       ..SOLAR X-RAYS
       IONIZING RADIATION
       #X RAYS
       ..COSMIC X RAYS
       ..SOLAR X-RAYS
  RT   AURORAS
       BLACKOUT (PROPAGATION)
       BREMSSTRAHLUNG
       COSMIC RAYS
       EMISSION SPECTRA
```

EXTRATERRESTRIAL RADIATION
FAR ULTRAVIOLET RADIATION
GAMMA RAYS
MONOCHROMATIC RADIATION
RADIOGRAPHY
RADIOLOGY
SYNCHROTRON RADIATION
SYSTEM GENERATED ELECTROMAGNETIC PULSES
X RAY BINARIES
X RAY DETECTORS
X RAY OPTICS
X RAY SOURCES
X RAY STARS

X WING ROTORS
0104
GS AIRFOILS
.WINGS
..ROTARY WINGS
..#X WING ROTORS
ROTATING BODIES
.ROTORS
..ROTARY WINGS
..#X WING ROTORS
RT CIRCULATION CONTROL ROTORS
% ROTOR BLADES

X-Y PLOTTERS
1406 1504 1902
GS RECORDING INSTRUMENTS
.PLOTTERS
.#X-Y PLOTTERS
RT DIGITAL TO ANALOG CONVERTERS

X-1 AIRCRAFT
0207
GS BELL AIRCRAFT
#X-1 AIRCRAFT
MONOPLANES
#X-1 AIRCRAFT
RESEARCH AIRCRAFT
#X-1 AIRCRAFT
ROCKET VEHICLES
.ROCKET PLANES
.#X-1 AIRCRAFT
SUPERSONIC AIRCRAFT
#X-1 AIRCRAFT
RT % AIRCRAFT

X-2 AIRCRAFT
0204 0207
GS BELL AIRCRAFT
#X-2 AIRCRAFT
MONOPLANES
#X-2 AIRCRAFT
RESEARCH AIRCRAFT
#X-2 AIRCRAFT
ROCKET VEHICLES
.ROCKET PLANES
.#X-2 AIRCRAFT
SUPERSONIC AIRCRAFT
#X-2 AIRCRAFT
RT % AIRCRAFT

X-3 AIRCRAFT
0207 3401
GS JET AIRCRAFT
#X-3 AIRCRAFT
MCDONNELL DOUGLAS AIRCRAFT
.DOUGLAS AIRCRAFT
.#X-3 AIRCRAFT
MONOPLANES
#X-3 AIRCRAFT
RESEARCH AIRCRAFT
#X-3 AIRCRAFT
SUPERSONIC AIRCRAFT
#X-3 AIRCRAFT
RT % AIRCRAFT

X-5 AIRCRAFT
0207 3401
GS BELL AIRCRAFT
#X-5 AIRCRAFT
JET AIRCRAFT
#X-5 AIRCRAFT
MONOPLANES
#X-5 AIRCRAFT
RESEARCH AIRCRAFT
#X-5 AIRCRAFT
RT % AIRCRAFT

X-13 AIRCRAFT
0207
GS JET AIRCRAFT
#X-13 AIRCRAFT
MONOPLANES
#X-13 AIRCRAFT
RESEARCH AIRCRAFT
#X-13 AIRCRAFT
RYAN AIRCRAFT
#X-13 AIRCRAFT
V/STOL AIRCRAFT
.VERTICAL TAKEOFF AIRCRAFT
.#X-13 AIRCRAFT
RT % AIRCRAFT

X-14 AIRCRAFT
0204 0207
GS BELL AIRCRAFT
#X-14 AIRCRAFT
JET AIRCRAFT
#X-14 AIRCRAFT
MONOPLANES
#X-14 AIRCRAFT
RESEARCH AIRCRAFT
#X-14 AIRCRAFT
V/STOL AIRCRAFT
.VERTICAL TAKEOFF AIRCRAFT
.#X-14 AIRCRAFT
RT % AIRCRAFT

X-15 AIRCRAFT
0204 0207
GS NORTH AMERICAN AIRCRAFT
#X-15 AIRCRAFT
RESEARCH AIRCRAFT
#X-15 AIRCRAFT
ROCKET VEHICLES
.ROCKET PLANES
.#X-15 AIRCRAFT
SUPERSONIC AIRCRAFT
#X-15 AIRCRAFT
RT % AIRCRAFT
LR-99 ENGINE
XLR-99 ENGINE

X-17 REENTRY VEHICLE
3105
GS REENTRY VEHICLES
#X-17 REENTRY VEHICLE
RT ROCKET VEHICLES
SOLID PROPELLANT ROCKET ENGINES

X-19 AIRCRAFT
0204 0207
GS CURTISS-WRIGHT AIRCRAFT
#X-19 AIRCRAFT
RESEARCH AIRCRAFT
#X-19 AIRCRAFT
TANDEM WING AIRCRAFT
#X-19 AIRCRAFT
V/STOL AIRCRAFT
.VERTICAL TAKEOFF AIRCRAFT
.#X-19 AIRCRAFT
RT % AIRCRAFT

X-20 AIRCRAFT
0204 0207
UF DYNA-SOAR SPACE GLIDER
GS BOEING AIRCRAFT
#X-20 AIRCRAFT
GLIDERS
.BOOSTGLIDE VEHICLES
.#X-20 AIRCRAFT

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        .HYPERSONIC GLIDERS
        .#X-20 AIRCRAFT
        HYPERSONIC VEHICLES
        .HYPERSONIC AIRCRAFT
        ..HYPERSONIC GLIDERS
        ..#X-20 AIRCRAFT
        LIFTING BODIES
        .LIFTING REENTRY VEHICLES
        .#X-20 AIRCRAFT
        MANEUVERABLE SPACECRAFT
        #X-20 AIRCRAFT
        REENTRY VEHICLES
        .BOOSTGLIDE VEHICLES
        .#X-20 AIRCRAFT
        .MANEUVERABLE REENTRY BODIES
        ..LIFTING REENTRY VEHICLES
        ..#X-20 AIRCRAFT
        RESEARCH AIRCRAFT
        #X-20 AIRCRAFT
  RT    AEROSPACE PLANES
     %  AIRCRAFT
        MANNED SPACECRAFT
        SOFT LANDING SPACECRAFT

X-21 AIRCRAFT
  0204 0207
  GS    JET AIRCRAFT
        #X-21 AIRCRAFT
        MONOPLANES
        #X-21 AIRCRAFT
        NORTHROP AIRCRAFT
        #X-21 AIRCRAFT
        RESEARCH AIRCRAFT
        #X-21 AIRCRAFT
  RT %  AIRCRAFT
        BOUNDARY LAYER CONTROL
        LAMINAR BOUNDARY LAYER

X-21A AIRCRAFT
  0207
  GS    JET AIRCRAFT
        #X-21A AIRCRAFT
        MONOPLANES
        #X-21A AIRCRAFT
        NORTHROP AIRCRAFT
        #X-21A AIRCRAFT
        RESEARCH AIRCRAFT
        #X-21A AIRCRAFT
  RT %  AIRCRAFT
        LAMINAR FLOW

X-22 AIRCRAFT
  0204 0207
  GS    BELL AIRCRAFT
        #X-22 AIRCRAFT
        RESEARCH AIRCRAFT
        #X-22 AIRCRAFT
        V/STOL AIRCRAFT
        .VERTICAL TAKEOFF AIRCRAFT
        .#X-22 AIRCRAFT
  RT %  AIRCRAFT
        TANDEM WING AIRCRAFT
        TILT WING AIRCRAFT

X-22A AIRCRAFT
  0207
  GS    RESEARCH AIRCRAFT
        #X-22A AIRCRAFT
        TANDEM WING AIRCRAFT
        #X-22A AIRCRAFT
        V/STOL AIRCRAFT
        .VERTICAL TAKEOFF AIRCRAFT
        .#X-22A AIRCRAFT
  RT %  AIRCRAFT

X-24 AIRCRAFT
  0103 0205 0207
  GS    LIFTING BODIES
        .LIFTING REENTRY VEHICLES
        .#X-24 AIRCRAFT
        REENTRY VEHICLES
        .MANEUVERABLE REENTRY BODIES
        ..LIFTING REENTRY VEHICLES
        ..#X-24 AIRCRAFT
        RESEARCH AIRCRAFT
        #X-24 AIRCRAFT
  RT %  AIRCRAFT

X-29 AIRCRAFT
  0201 0207
  RT %  AIRCRAFT
        SWEPT FORWARD WINGS

X-30 VEHICLE
  3110 3501
  GS    AEROSPACE VEHICLES
        .AEROSPACE PLANES
        .#X-30 VEHICLE
        HYPERSONIC VEHICLES
        #X-30 VEHICLE
        MANEUVERABLE SPACECRAFT
        .AEROSPACE PLANES
        .#X-30 VEHICLE
        MANNED SPACECRAFT
        .AEROSPACE PLANES
        .#X-30 VEHICLE
        REENTRY VEHICLES
        .RECOVERABLE SPACECRAFT
        ..REUSABLE SPACECRAFT
        ...AEROSPACE PLANES
        ...#X-30 VEHICLE
        RESEARCH VEHICLES
        #X-30 VEHICLE
        SOFT LANDING SPACECRAFT
        .AEROSPACE PLANES
        .#X-30 VEHICLE
  RT    NATIONAL AEROSPACE PLANE PROGRAM
        SINGLE STAGE TO ORBIT VEHICLES
     %  SPACECRAFT
        TRANSATMOSPHERIC VEHICLES

X-248 ENGINE
  2808
  UF    ALTAIR ENGINE
  GS    ENGINES
        .ROCKET ENGINES
        ..SOLID PROPELLANT ROCKET ENGINES
        ..#X-248 ENGINE
  RT    BLUE SCOUT ROCKET VEHICLE
        SCOUT LAUNCH VEHICLE
        VANGUARD 2 LAUNCH VEHICLE

X-254 ENGINE
  2808
  GS    ENGINES
        .ROCKET ENGINES
        ..SOLID PROPELLANT ROCKET ENGINES
        ..#X-254 ENGINE
  RT    ANTARES ROCKET VEHICLE
        BLUE SCOUT ROCKET VEHICLE
        SCOUT LAUNCH VEHICLE

X-258 ENGINES
  2808
  GS    ENGINES
        .ROCKET ENGINES
        ..SOLID PROPELLANT ROCKET ENGINES
        ..#X-258 ENGINES
        ....X-258-B1 ENGINE
  RT    SCOUT LAUNCH VEHICLE

X-258-B1 ENGINE
  2808
  GS    ENGINES
        .ROCKET ENGINES
        ..SOLID PROPELLANT ROCKET ENGINES
        ...X-258 ENGINES
        ...#X-258-B1 ENGINE

X-259 ENGINE
  2808
  GS    ENGINES
        .ROCKET ENGINES
        ..SOLID PROPELLANT ROCKET ENGINES
        ..#X-259 ENGINE
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```
  RT   SCOUT LAUNCH VEHICLE

X-405 ENGINE
  2808
  GS   ENGINES
       .ROCKET ENGINES
       ..BOOSTER ROCKET ENGINES
       ..#X-405 ENGINE
       ..LIQUID PROPELLANT ROCKET ENGINES
       ..#X-405 ENGINE
  RT   VANGUARD PROJECT

XANTHIC ACIDS
  1703 1807
  GS   ACIDS
       #XANTHIC ACIDS
  RT   ORGANIC LIQUIDS

XANTHINES
  0403 1808
  GS   FUNGICIDES
       #XANTHINES
       ..CAFFEINE
       ..GUANINES
       ..URIC ACID
       NITROGEN COMPOUNDS
       #XANTHINES
       ..CAFFEINE
       ..GUANINES
       ..URIC ACID
       ORGANIC COMPOUNDS
       .CYCLIC COMPOUNDS
       ..HETEROCYCLIC COMPOUNDS
       ...PURINES
       ...#XANTHINES
       .....CAFFEINE
       .....GUANINES
       .....URIC ACID

XB-47 AIRCRAFT
  USE  B-47 AIRCRAFT

XB-70 AIRCRAFT
  USE  B-70 AIRCRAFT

XBQM-180A AIRCRAFT
  USE  VATOL AIRCRAFT

XC-142 AIRCRAFT
  0207 0209
  UF   C-142 AIRCRAFT
  GS   FAIRCHILD-HILLER AIRCRAFT
       #XC-142 AIRCRAFT
       JET AIRCRAFT
       #XC-142 AIRCRAFT
       LING-TEMCO-VOUGHT AIRCRAFT
       #XC-142 AIRCRAFT
       MONOPLANES
       #XC-142 AIRCRAFT
       RYAN AIRCRAFT
       #XC-142 AIRCRAFT
       TILT WING AIRCRAFT
       #XC-142 AIRCRAFT
       TRANSPORT AIRCRAFT
       #XC-142 AIRCRAFT
       V/STOL AIRCRAFT
       .VERTICAL TAKEOFF AIRCRAFT
       .#XC-142 AIRCRAFT
  RT % AIRCRAFT
       TURBOPROP ENGINES

XENON
  0603 1203 1807
  GS   CHEMICAL ELEMENTS
       .RARE GASES
       .#XENON
       ...XENON ISOTOPES
       ....XENON 129
       ....XENON 133
       ....XENON 135
       GASES
       .RARE GASES
       .#XENON
       ...XENON ISOTOPES
       ....XENON 129
       ....XENON 133
       ....XENON 135

XENON CHLORIDE LASERS
  1601
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       ..GAS LASERS
       ..#XENON CHLORIDE LASERS
       ..RARE GAS-HALIDE LASERS
       ..#XENON CHLORIDE LASERS
  RT   ELECTRON TRANSITIONS
       EXCIMER LASERS
       LASER MATERIALS
       LASER OUTPUTS
       ULTRAVIOLET LASERS

XENON COMPOUNDS
  0603 1804
  RT % CHEMICAL COMPOUNDS
     % RARE GAS COMPOUNDS

XENON FLUORIDE LASERS
  1601
  GS   STIMULATED EMISSION DEVICES
       .LASERS
       ..GAS LASERS
       ..#XENON FLUORIDE LASERS
       ..RARE GAS-HALIDE LASERS
       ..#XENON FLUORIDE LASERS
  RT   ELECTRON TRANSITIONS
       EXCIMER LASERS
       LASER MATERIALS
       LASER OUTPUTS

XENON ISOTOPES
  2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#XENON ISOTOPES
       ....XENON 129
       ....XENON 133
       ....XENON 135
       .RARE GASES
       ..XENON
       ..#XENON ISOTOPES
       ....XENON 129
       ....XENON 133
       ....XENON 135
       GASES
       .RARE GASES
       ..XENON
       ..#XENON ISOTOPES
       ....XENON 129
       ....XENON 133
       ....XENON 135

XENON LAMPS
  0603 0605 1601 2306
  GS   LIGHTING EQUIPMENT
       .LUMINAIRES
       .#XENON LAMPS
  RT   ARC LAMPS
       FLASH LAMPS
       INFRARED RADIATION
       MERCURY LAMPS

XENON 129
  0603 1807 2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ...XENON ISOTOPES
       ...#XENON 129
       .RARE GASES
       ..XENON
       ...XENON ISOTOPES
       ...#XENON 129
       GASES
```

.RARE GASES
..XENON
...XENON ISOTOPES
...#XENON 129

XENON 133
0603 1807 2406
GS CHEMICAL ELEMENTS
.NUCLIDES
..ISOTOPES
...RADIOACTIVE ISOTOPES
...#XENON 133
...XENON ISOTOPES
...#XENON 133
.RARE GASES
..XENON
...XENON ISOTOPES
...#XENON 133
GASES
.RARE GASES
..XENON
...XENON ISOTOPES
...#XENON 133

XENON 135
0603 1807 2406
GS CHEMICAL ELEMENTS
.NUCLIDES
..ISOTOPES
...RADIOACTIVE ISOTOPES
...#XENON 135
...XENON ISOTOPES
...#XENON 135
.RARE GASES
..XENON
...XENON ISOTOPES
...#XENON 135
GASES
.RARE GASES
..XENON
...XENON ISOTOPES
...#XENON 135

XEROGRAPHY
1002 1504 2402 3405
GS IMAGERY
.REPRODUCTION (COPYING)
.#XEROGRAPHY
RT ELECTROSTATIC CHARGE
PHOTOGRAPHS
PHOTOGRAPHY

XH-51 HELICOPTER
0206
UF AEROGYRO HELICOPTERS
CL-595 HELICOPTER
H-51 HELICOPTER
LOCKHEED CL-595 HELICOPTER
LOCKHEED 186 HELICOPTER
GS LOCKHEED AIRCRAFT
#XH-51 HELICOPTER
RESEARCH AIRCRAFT
#XH-51 HELICOPTER
V/STOL AIRCRAFT
.ROTARY WING AIRCRAFT
..HELICOPTERS
...RIGID ROTOR HELICOPTERS
...#XH-51 HELICOPTER

XI HYPERONS
2403
GS PARTICLES
.ELEMENTARY PARTICLES
..BOSONS
..#XI HYPERONS
..FERMIONS
...BARYONS
....HYPERONS
....#XI HYPERONS
.NUCLEAR PARTICLES
..BOSONS
..#XI HYPERONS

XJ-34-WE-32 ENGINE
USE J-34 ENGINE

XJ-79-GE-1 ENGINE
USE J-79 ENGINE

XLR-91-AJ-5 ENGINE
USE LR-91-AJ-5 ENGINE

XLR-99 ENGINE
2808
GS ENGINES
.ROCKET ENGINES
..LIQUID PROPELLANT ROCKET ENGINES
..#XLR-99 ENGINE
RT X-15 AIRCRAFT

XM-6 SQUIB
USE SQUIBS

XM-8 SQUIB
USE SQUIBS

XM-33 ENGINE
2808
UF TX-33-39 ENGINE
GS ENGINES
.ROCKET ENGINES
..SOLID PROPELLANT ROCKET ENGINES
..#XM-33 ENGINE
RT BLUE SCOUT ROCKET VEHICLE
EXOS SOUNDING ROCKET
LITTLE JOE 2 LAUNCH VEHICLE
POLARIS MISSILES
SCOUT LAUNCH VEHICLE
TX-354 ENGINE

XV-3 AIRCRAFT
0207 0209 3401
UF V-3 AIRCRAFT
GS BELL AIRCRAFT
#XV-3 AIRCRAFT
V/STOL AIRCRAFT
#XV-3 AIRCRAFT
RT % AIRCRAFT
TILTING ROTORS

XV-4 AIRCRAFT
0207 0209 3401
UF HUMMINGBIRD AIRCRAFT
LOCKHEED XV-4A AIRCRAFT
V-4 AIRCRAFT
VZ-10 AIRCRAFT
GS JET AIRCRAFT
#XV-4 AIRCRAFT
LOCKHEED AIRCRAFT
#XV-4 AIRCRAFT
MONOPLANES
#XV-4 AIRCRAFT
RESEARCH AIRCRAFT
#XV-4 AIRCRAFT
V/STOL AIRCRAFT
.VERTICAL TAKEOFF AIRCRAFT
.#XV-4 AIRCRAFT
RT % AIRCRAFT

XV-5 AIRCRAFT
0207
UF V-5 AIRCRAFT
VZ-11 AIRCRAFT
XV-5A AIRCRAFT
GS FAN IN WING AIRCRAFT
#XV-5 AIRCRAFT
JET AIRCRAFT
#XV-5 AIRCRAFT
MONOPLANES
#XV-5 AIRCRAFT
RESEARCH AIRCRAFT
#XV-5 AIRCRAFT
RYAN AIRCRAFT
#XV-5 AIRCRAFT
V/STOL AIRCRAFT

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        #XV-5 AIRCRAFT
  RT % AIRCRAFT

XV-5A AIRCRAFT
  USE  XV-5 AIRCRAFT

XV-6A AIRCRAFT
  USE  P-1127 AIRCRAFT

XV-8A AIRCRAFT
  0207 0209 3401
  GS   RESEARCH AIRCRAFT
       #XV-8A AIRCRAFT
       RYAN AIRCRAFT
       #XV-8A AIRCRAFT
       UTILITY AIRCRAFT
       #XV-8A AIRCRAFT
       V/STOL AIRCRAFT
       #XV-8A AIRCRAFT
  RT % AIRCRAFT
       FLEXIBLE WINGS

XV-9A AIRCRAFT
  0207 3401
  UF   V-9 AIRCRAFT
  GS   HUGHES AIRCRAFT
       #XV-9A AIRCRAFT
       JET AIRCRAFT
       #XV-9A AIRCRAFT
       RESEARCH AIRCRAFT
       #XV-9A AIRCRAFT
       V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..HELICOPTERS
       ...MILITARY HELICOPTERS
       ...#XV-9A AIRCRAFT
  RT % AIRCRAFT
       TIP DRIVEN ROTORS

XV-11A AIRCRAFT
  0207 0209
  GS   RESEARCH AIRCRAFT
       #XV-11A AIRCRAFT
       V/STOL AIRCRAFT
       .VERTICAL TAKEOFF AIRCRAFT
       .#XV-11A AIRCRAFT
  RT % AIRCRAFT
       LIFT FANS
       SHROUDED PROPELLERS

XV-15 AIRCRAFT
  0201 0207
  GS   BELL AIRCRAFT
       #XV-15 AIRCRAFT
       V/STOL AIRCRAFT
       .ROTARY WING AIRCRAFT
       ..TILT ROTOR AIRCRAFT
       ..#XV-15 AIRCRAFT
  RT % AIRCRAFT
       HELICOPTERS
       TILT ROTOR RESEARCH AIRCRAFT
       PROGRAM

XYLENE
  1808
  GS   ORGANIC COMPOUNDS
       .HYDROCARBONS
       .#XYLENE
  RT   TOLUENE

XYLOSE
  0403 1808
  GS   ORGANIC COMPOUNDS
       .CARBOHYDRATES
       ..SUGARS
       ...MONOSACCHARIDES
       ....PENTOSE
       ....#XYLOSE

Y-BA-CU-O SUPERCONDUCTORS
  USE  YBCO SUPERCONDUCTORS

YAG (GARNET)
  USE  YTTRIUM-ALUMINUM GARNET

YAG LASERS
  0906 1804
  GS   ELECTRONIC EQUIPMENT
       .SOLID STATE DEVICES
       ..SOLID STATE LASERS
       ..#YAG LASERS
       STIMULATED EMISSION DEVICES
       .LASERS
       ..SOLID STATE LASERS
       ..#YAG LASERS
  RT   LASER HEATING
       LASER MATERIALS
       LASER OUTPUTS

YAGI ANTENNAS
  0701 0705 0901
  GS   ANTENNAS
       .DIRECTIONAL ANTENNAS
       .#YAGI ANTENNAS
       ARRAYS
       .ANTENNA ARRAYS
       ..LINEAR ARRAYS
       ...ENDFIRE ARRAYS
       ...#YAGI ANTENNAS
  RT   ANTENNA DESIGN
       DIPOLE ANTENNAS
       DIRECTORS (ANTENNA ELEMENTS)
       PARASITIC ELEMENTS (ANTENNAS)
       WAVEGUIDE ANTENNAS

YAK 40 AIRCRAFT
  0201
  GS   GENERAL AVIATION AIRCRAFT
       #YAK 40 AIRCRAFT
       JET AIRCRAFT
       #YAK 40 AIRCRAFT
       LIGHT AIRCRAFT
       #YAK 40 AIRCRAFT
       PASSENGER AIRCRAFT
       #YAK 40 AIRCRAFT
  RT % AIRCRAFT

YANG-MILLS FIELDS
  1902
  RT   ELECTROMAGNETIC FIELDS
       FIELD THEORY (PHYSICS)
       GAUGE THEORY
       GRAVITATIONAL FIELDS
       PERTURBATION THEORY
       YANG-MILLS THEORY

YANG-MILLS THEORY
  1902
  RT   FIELD THEORY (PHYSICS)
       GAUGE THEORY
       PERTURBATION THEORY
       SPACE-TIME FUNCTIONS
       STATISTICAL ANALYSIS
       SUPERGRAVITY
       THEORETICAL PHYSICS
     % THEORIES
       YANG-MILLS FIELDS

YARNS
  1811
  RT   CORDAGE
       COTTON
       FIBERS
     % ROVINGS
       STRANDS
       WOOL

YAV-8B AIRCRAFT
  USE  HARRIER AIRCRAFT

YAW
  0101 0201
  UF   DAMPING IN YAW
       FISHTAILING
       YAWMETERS
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```
  GS   ATTITUDE (INCLINATION)
       #YAW
  RT   AERODYNAMIC STABILITY
       DIRECTIONAL CONTROL
       DIRECTIONAL STABILITY
       LATERAL OSCILLATION
     % MOTION
       PITCH (INCLINATION)
       ROLL
       ROTATION
       SIDESLIP
       SKIDDING
       TURNING FLIGHT
       YAWING MOMENTS

YAWING MOMENTS
  0101 0201
  GS   MOMENTS
       .STABILITY DERIVATIVES
       .#YAWING MOMENTS
  RT   AERODYNAMIC COEFFICIENTS
       LATERAL OSCILLATION
       MOMENTS OF INERTIA
       PITCHING MOMENTS
       ROLLING MOMENTS
       TORQUE
       YAW

YAWMETERS
  USE  ATTITUDE INDICATORS
       YAW

YBCO SUPERCONDUCTORS
  1801 2302 2303
  UF   Y-BA-CU-O SUPERCONDUCTORS
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ...MIXED OXIDES
       ...#YBCO SUPERCONDUCTORS
       CONDUCTORS
       .SUPERCONDUCTORS
       ..HIGH TEMPERATURE SUPERCONDUCTORS
       ..#YBCO SUPERCONDUCTORS
  RT   BARIUM OXIDES
       CERAMICS
       CERMETS
       COPPER OXIDES
       LOW TEMPERATURE PHYSICS
       SUPERCONDUCTING FILMS
       SUPERCONDUCTIVITY
       THIN FILMS
       YTTRIUM OXIDES

YC-14 AIRCRAFT
  0201 0206
  GS   TRANSPORT AIRCRAFT
       .CARGO AIRCRAFT
       .#YC-14 AIRCRAFT
  RT % AIRCRAFT
       BOEING AIRCRAFT
     % MILITARY AIRCRAFT

YC-15 AIRCRAFT
  USE  C-15 AIRCRAFT

YC-123 AIRCRAFT
  USE  C-123 AIRCRAFT

YEAST
  0404 0407
  GS   PLANTS (BOTANY)
       .FUNGI
       .#YEAST
  RT % FOOD

YELLOWSTONE NATIONAL PARK (ID-MT-WY)
  1305
  GS   LAND
       .PARKS
       ..NATIONAL PARKS
       ..#YELLOWSTONE NATIONAL PARK
          (ID-MT-WY)
  RT   IDAHO
       MONTANA
       WYOMING

YEMEN
  1305
  GS   NATIONS
       #YEMEN
  RT   ASIA

YF-12 AIRCRAFT
  0207
  GS   ATTACK AIRCRAFT
       .FIGHTER AIRCRAFT
       .#YF-12 AIRCRAFT
  RT % AIRCRAFT
       AIRCRAFT DESIGN
     % INTERCEPTORS
       JET AIRCRAFT
     % MILITARY AIRCRAFT
       RECONNAISSANCE AIRCRAFT
       RESEARCH AIRCRAFT

YF-16 AIRCRAFT
  0207 3401
  GS   ATTACK AIRCRAFT
       .FIGHTER AIRCRAFT
       .#YF-16 AIRCRAFT
       SINGLE ENGINE AIRCRAFT
       #YF-16 AIRCRAFT
  RT % AIRCRAFT
     % MILITARY AIRCRAFT

YF-17 AIRCRAFT
  USE  F-17 AIRCRAFT

YF-22 AIRCRAFT
  USE  F-22 AIRCRAFT

YF-102 AIRCRAFT
  USE  F-102 AIRCRAFT

YHU-1 HELICOPTER
  USE  UH-1 HELICOPTER

YIELD
  3401 3402 3406 3408
  RT   LOSSES
       OUTPUT

YIELD POINT
  1704 2601 3203 3204
  UF   DAMAGE THRESHOLD
       LUDER BANDS
  GS   MECHANICAL PROPERTIES
       .PLASTIC PROPERTIES
       .#YIELD POINT
  RT   MICROYIELD STRENGTH
       TRESCA FLOW

YIELD STRENGTH
  1704 2601 3203 3204
  GS   MECHANICAL PROPERTIES
       #YIELD STRENGTH
       ..LOAD CARRYING CAPACITY
       ..MICROYIELD STRENGTH
  RT   DUCTILE-BRITTLE TRANSITION
       ELASTIC PROPERTIES
       FRACTURE STRENGTH
       HIGH STRENGTH
       J INTEGRAL
       PLASTIC DEFORMATION
     % STRENGTH
       STRESS-STRAIN DIAGRAMS
       STRESS-STRAIN RELATIONSHIPS
       STRESSES
       TEMPERATURE INVERSIONS

YIG (GARNET)
  USE  YTTRIUM-IRON GARNET

YJ-73-GE-3 ENGINE
```

USE J-73 ENGINE

YJ-79 ENGINE
USE J-79 ENGINE

YJ-85 ENGINE
USE J-85 ENGINE

YJ-93 ENGINE
USE J-93 ENGINE

YJ-93-GE-3 ENGINE
USE J-93 ENGINE

YJ73 TURBOJET ENGINE
USE J-73 ENGINE

YLF LASERS
1601
UF YTTRIUM LITHIUM FLUORIDE LASERS
GS STIMULATED EMISSION DEVICES
.LASERS
..SEMICONDUCTOR LASERS
..#YLF LASERS
..SOLID STATE LASERS
..#YLF LASERS
RT INFRARED LASERS

YLR-91-AJ-1 ENGINE
2808
GS ENGINES
.ROCKET ENGINES
..LIQUID PROPELLANT ROCKET ENGINES
..#YLR-91-AJ-1 ENGINE
RT TITAN ICBM

YLR-99-RM-1 ENGINE
USE LR-99 ENGINE

YO-YO DEVICES
1409 1410 1504 2102
RT ANGULAR ACCELERATION
GYROSCOPIC STABILITY
SATELLITE ROTATION
SPIN
SPIN REDUCTION

YOKES
0903 0905 2402
RT BEAM WAVEGUIDES
CONNECTORS
COUPLERS
COUPLES
DEFLECTION
DIRECTIONAL COUPLERS
FERROMAGNETIC MATERIALS
% JOINING
LINKAGES
MAGNET COILS

YOUNG MODULUS
USE MODULUS OF ELASTICITY

YOUNG-HELMHOLTZ THEORY
0408 1411 2306 2310
RT COLOR VISION
PHOTORECEPTORS
% THEORIES

YOUTH
3408
RT GROWTH
HUMAN BEINGS

YS-11 AIRCRAFT
0201 0204
UF NIHON YS-11 AIRCRAFT
GS JET AIRCRAFT
.TURBOPROP AIRCRAFT
.#YS-11 AIRCRAFT
MONOPLANES
#YS-11 AIRCRAFT
NIHON AIRCRAFT
#YS-11 AIRCRAFT
PASSENGER AIRCRAFT
#YS-11 AIRCRAFT
TRANSPORT AIRCRAFT
#YS-11 AIRCRAFT

YSZ
USE YTTRIA-STABILIZED ZIRCONIA

YT-2 AIRCRAFT
USE T-2 AIRCRAFT

YTTERBIUM
1703
GS CHEMICAL ELEMENTS
.RARE EARTH ELEMENTS
.#YTTERBIUM
...YTTERBIUM ISOTOPES
METALS
.RARE EARTH ELEMENTS
.#YTTERBIUM
...YTTERBIUM ISOTOPES

YTTERBIUM COMPOUNDS
0603 1704 1804
GS RARE EARTH COMPOUNDS
#YTTERBIUM COMPOUNDS
RT % CHEMICAL COMPOUNDS
% METAL COMPOUNDS

YTTERBIUM ISOTOPES
0603 1703
GS CHEMICAL ELEMENTS
.RARE EARTH ELEMENTS
..YTTERBIUM
..#YTTERBIUM ISOTOPES
METALS
.RARE EARTH ELEMENTS
..YTTERBIUM
..#YTTERBIUM ISOTOPES

YTTRIA-STABILIZED ZIRCONIA
1801 1804 1805
UF YSZ
GS CHALCOGENIDES
.OXIDES
..METAL OXIDES
...ZIRCONIUM OXIDES
...#YTTRIA-STABILIZED ZIRCONIA
ZIRCONIUM COMPOUNDS
.ZIRCONIUM OXIDES
.#YTTRIA-STABILIZED ZIRCONIA
RT CERAMICS
THIN FILMS
YTTRIUM OXIDES

YTTRIUM
1703
GS CHEMICAL ELEMENTS
.RARE EARTH ELEMENTS
.#YTTRIUM
...YTTRIUM ISOTOPES
METALS
.RARE EARTH ELEMENTS
.#YTTRIUM
...YTTRIUM ISOTOPES
.TRANSITION METALS
.#YTTRIUM
...YTTRIUM ISOTOPES

YTTRIUM ALLOYS
1701 1704
GS ALLOYS
#YTTRIUM ALLOYS
RT RARE EARTH ALLOYS

YTTRIUM COMPOUNDS
0603
GS #YTTRIUM COMPOUNDS
.YTTRIUM OXIDES
.YTTRIUM-ALUMINUM GARNET
.YTTRIUM-IRON GARNET

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  RT % CHEMICAL COMPOUNDS
     % GROUP 3B COMPOUNDS
     % METAL COMPOUNDS

YTTRIUM ISOTOPES
  0603 1703 1704 2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#YTTRIUM ISOTOPES
       .RARE EARTH ELEMENTS
       ..YTTRIUM
       ..#YTTRIUM ISOTOPES
       METALS
       .RARE EARTH ELEMENTS
       ..YTTRIUM
       ..#YTTRIUM ISOTOPES
       .TRANSITION METALS
       ..YTTRIUM
       ..#YTTRIUM ISOTOPES

YTTRIUM LITHIUM FLUORIDE LASERS
  USE  YLF LASERS

YTTRIUM OXIDES
  0603 1804
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ..#YTTRIUM OXIDES
       YTTRIUM COMPOUNDS
       #YTTRIUM OXIDES
  RT   HIGH TEMPERATURE SUPERCONDUCTORS
       YBCO SUPERCONDUCTORS
       YTTRIA-STABILIZED ZIRCONIA

YTTRIUM-ALUMINUM GARNET
  1804 2601
  UF   YAG (GARNET)
  GS   MINERALS
       .GARNETS
       .#YTTRIUM-ALUMINUM GARNET
       SILICON COMPOUNDS
       .SILICATES
       ..GARNETS
       ..#YTTRIUM-ALUMINUM GARNET
       YTTRIUM COMPOUNDS
       #YTTRIUM-ALUMINUM GARNET
  RT   FERRITES
       MAGNETOSTATIC AMPLIFIERS

YTTRIUM-IRON GARNET
  1804 2601
  UF   YIG (GARNET)
  GS   MINERALS
       .GARNETS
       .#YTTRIUM-IRON GARNET
       SILICON COMPOUNDS
       .SILICATES
       ..GARNETS
       ..#YTTRIUM-IRON GARNET
       YTTRIUM COMPOUNDS
       #YTTRIUM-IRON GARNET
  RT   FERRITES
       MAGNETOSTATIC AMPLIFIERS
       WAVEGUIDE TUNERS

YUGOSLAVIA
  1305
  GS   NATIONS
       #YUGOSLAVIA
  RT   ADRIATIC SEA
       EUROPE

YUH-1 HELICOPTER
  USE  UH-1 HELICOPTER

YUH-60A HELICOPTER
  USE  UH-60A HELICOPTER

YUH-61A HELICOPTER
  USE  UH-61A HELICOPTER

YUKAWA POTENTIAL
  2401 2403 2405
  RT   MESON-NUCLEON INTERACTIONS
     % POTENTIAL

YUKON AIRCRAFT
  USE  CL-44 AIRCRAFT

YUKON TERRITORY
  1305
  GS   NATIONS
       .CANADA
       .#YUKON TERRITORY

Z-37 AIRCRAFT
  0201
  UF   OMNIPOL Z-37 AIRCRAFT
  GS   MONOPLANES
       #Z-37 AIRCRAFT
       UTILITY AIRCRAFT
       #Z-37 AIRCRAFT

ZAIRE
  1305
  UF   BELGIAN CONGO
       CONGO (KINSHASA)
  GS   NATIONS
       #ZAIRE
  RT   AFRICA

ZAMBIA
  1305
  GS   NATIONS
       #ZAMBIA
  RT   AFRICA

ZEEMAN EFFECT
  2307 2401 2403
  RT % EFFECTS
       MAGNETIC FIELDS
       SPECTROSCOPY
       SPECTRUM ANALYSIS
       STARK EFFECT
       VOIGT EFFECT

ZENER DIODES
  USE  AVALANCHE DIODES

ZENER EFFECT
  1001 1002 2304
  RT   BARRIER LAYERS
       CARRIER DENSITY (SOLID STATE)
     % CARRIERS
     % EFFECTS
       ELECTRIC DISCHARGES
       FIELD EMISSION

ZENITH
  1901 3001 3003
  RT   ANTIPODES
       APEXES
       CELESTIAL SPHERE
       MAXIMA
       NOON
       SOLAR POSITION

ZEOLITES
  0603 1806
  GS   SILICON COMPOUNDS
       .SILICATES
       .#ZEOLITES
  RT   ION EXCHANGE RESINS
       MINERALS

ZERO ANGLE OF ATTACK
  0101 0201 1202 1203
  GS   GEOMETRY
       .EUCLIDEAN GEOMETRY
       ..ANGLES (GEOMETRY)
       ...ANGLE OF ATTACK
       ...#ZERO ANGLE OF ATTACK
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ZERO CROSSINGS
  USE  ROOTS OF EQUATIONS

ZERO FORCE CURVES
  2308 2311
  RT   CURVATURE
     % CURVES
     % FORCE

ZERO GRAVITY
  USE  WEIGHTLESSNESS

ZERO LIFT
  0101 0102 0103 0104 0201
  GS   AERODYNAMIC CHARACTERISTICS
       .LIFT
       .#ZERO LIFT
       AERODYNAMIC FORCES
       .LIFT
       .#ZERO LIFT
       DYNAMIC CHARACTERISTICS
       .LIFT
       .#ZERO LIFT
  RT   AERODYNAMIC STALLING
       BOUNDARY LAYER SEPARATION
       DISTRIBUTION (PROPERTY)

ZERO POINT ENERGY
  2201
  RT   ABSOLUTE ZERO
       FIELD THEORY (PHYSICS)
       KINETIC ENERGY
       THERMODYNAMIC PROPERTIES

ZERO POWER REACTOR 2
  2203 2204
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..WATER COOLED REACTORS
       ...HEAVY WATER REACTORS
       ...#ZERO POWER REACTOR 2
       ...ZERO POWER REACTORS
       ...#ZERO POWER REACTOR 2
       .NUCLEAR RESEARCH AND TEST REACTORS
       .#ZERO POWER REACTOR 2

ZERO POWER REACTOR 3
  2202 2203 2204
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..WATER COOLED REACTORS
       ...ZERO POWER REACTORS
       ...#ZERO POWER REACTOR 3
       .NUCLEAR RESEARCH AND TEST REACTORS
       .#ZERO POWER REACTOR 3

ZERO POWER REACTOR 6
  2203 2204
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..WATER COOLED REACTORS
       ...ZERO POWER REACTORS
       ...#ZERO POWER REACTOR 6
       .NUCLEAR RESEARCH AND TEST REACTORS
       .#ZERO POWER REACTOR 6

ZERO POWER REACTOR 9
  2203 2204
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..WATER COOLED REACTORS
       ...ZERO POWER REACTORS
       ...#ZERO POWER REACTOR 9
       .NUCLEAR RESEARCH AND TEST REACTORS
       .#ZERO POWER REACTOR 9

ZERO POWER REACTORS
  2202 2203 2204
  UF   ZPR REACTORS
  GS   NUCLEAR REACTORS
       .LIQUID COOLED REACTORS
       ..WATER COOLED REACTORS
       ..#ZERO POWER REACTORS
       ....ZERO POWER REACTOR 2
       ....ZERO POWER REACTOR 3
       ....ZERO POWER REACTOR 6
       ....ZERO POWER REACTOR 9

ZERO SOUND
  0710 2301 2312
  GS   ACOUSTIC PROPERTIES
       .SOUND INTENSITY
       .#ZERO SOUND
       RATES (PER TIME)
       .FLUX DENSITY
       ..SOUND INTENSITY
       ..#ZERO SOUND
  RT   ACOUSTIC ATTENUATION
       ACOUSTICS
       ANECHOIC CHAMBERS
       REFLECTION
       SILENCERS
       SUBAUDIBLE FREQUENCIES

ZERO-G ACPL (SPACELAB)
  USE  ATMOSPHERIC CLOUD PHYSICS LAB
       (SPACELAB)

ZETA AURIGAE STAR
  3001
  GS   CELESTIAL BODIES
       .STARS
       ..DOUBLE STARS
       ...BINARY STARS
       ....ECLIPSING BINARY STARS
       ....#ZETA AURIGAE STAR
  RT   AURIGA CONSTELLATION

ZETA PINCH
  2404
  GS   PINCH EFFECT
       .PLASMA PINCH
       .#ZETA PINCH
  RT   CONTROLLED FUSION
       MAGNETOHYDRODYNAMIC STABILITY
       PLASMA COMPRESSION
       PLASMA CONTROL
       PLASMA ELECTRODES
       PLASMA FOCUS
       Q DEVICES
       ROTATING PLASMAS
       SCREW PINCH
       THETA PINCH

ZETA THERMONUCLEAR REACTOR
  2203 2204
  RT   PINCH EFFECT
       THERMONUCLEAR POWER GENERATION
       THERMONUCLEAR REACTIONS

ZEUS MISSILE
  USE  NIKE-ZEUS MISSILE

ZIEGLER CATALYST
  0603 1808
  GS   CATALYSTS
       #ZIEGLER CATALYST
  RT   POLYMERIZATION

ZIMBABWE
  1305
  UF   RHODESIA
  GS   NATIONS
       #ZIMBABWE
  RT   AFRICA

ZINC
  0603 1703
  GS   CHEMICAL ELEMENTS
       #ZINC
       ..ZINC ISOTOPES
       METALS
       .TRANSITION METALS
       .#ZINC
       ...ZINC ISOTOPES
```

```
ZINC ALLOYS
  1701 1704
  GS   ALLOYS
       #ZINC ALLOYS
  RT   BEARING ALLOYS
       SOLDERS

ZINC ANTIMONIDES
  0603 1804
  GS   ANTIMONY COMPOUNDS
       .ANTIMONIDES
       .#ZINC ANTIMONIDES
       ZINC COMPOUNDS
       #ZINC ANTIMONIDES

ZINC CHLORIDES
  1804
  GS   HALOGEN COMPOUNDS
       .CHLORINE COMPOUNDS
       ..CHLORIDES
       ..#ZINC CHLORIDES
       .HALIDES
       ..CHLORIDES
       ..#ZINC CHLORIDES
       ..METAL HALIDES
       ..#ZINC CHLORIDES
       ZINC COMPOUNDS
       #ZINC CHLORIDES

ZINC COATINGS
  1802
  UF   GALVANIZING
  GS   COATINGS
       .METAL COATINGS
       .#ZINC COATINGS
  RT   PROTECTIVE COATINGS

ZINC COMPOUNDS
  0603 1804
  GS  #ZINC COMPOUNDS
       .ZINC ANTIMONIDES
       .ZINC CHLORIDES
       .ZINC FLUORIDES
       .ZINC OXIDES
       .ZINC SELENIDES
       .ZINC SULFIDES
       ..WURTZITE
       ..ZINCBLENDE
       .ZINC TELLURIDES
       .ZINC TUNGSTATES
  RT % CHEMICAL COMPOUNDS
     % GROUP 2B COMPOUNDS
     % METAL COMPOUNDS

ZINC FLUORIDES
  0603 1804
  GS   HALOGEN COMPOUNDS
       .FLUORINE COMPOUNDS
       ..FLUORIDES
       ...METAL FLUORIDES
       ...#ZINC FLUORIDES
       ZINC COMPOUNDS
       #ZINC FLUORIDES

ZINC ISOTOPES
  0703 2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ..#ZINC ISOTOPES
       .ZINC
       .#ZINC ISOTOPES
       METALS
       .TRANSITION METALS
       ..ZINC
       ..#ZINC ISOTOPES

ZINC NICKEL BATTERIES
  USE  NICKEL ZINC BATTERIES

ZINC OXIDES
  0603 1804
  GS   CHALCOGENIDES
       .OXIDES
       ..METAL OXIDES
       ..#ZINC OXIDES
       ZINC COMPOUNDS
       #ZINC OXIDES

ZINC SELENIDES
  0603 1804
  GS   CHALCOGENIDES
       .SELENIDES
       .#ZINC SELENIDES
       SELENIUM COMPOUNDS
       .SELENIDES
       .#ZINC SELENIDES
       ZINC COMPOUNDS
       #ZINC SELENIDES
  RT   SCHOTTKY DIODES

ZINC SILVER BATTERIES
  USE  SILVER ZINC BATTERIES

ZINC SILVER OXIDE BATTERIES
  USE  SILVER ZINC BATTERIES

ZINC SULFIDES
  0603 1804
  GS   CHALCOGENIDES
       .SULFIDES
       ..INORGANIC SULFIDES
       ..#ZINC SULFIDES
       ....WURTZITE
       ....ZINCBLENDE
       SULFUR COMPOUNDS
       .SULFIDES
       ..INORGANIC SULFIDES
       ..#ZINC SULFIDES
       ....WURTZITE
       ....ZINCBLENDE
       ZINC COMPOUNDS
       #ZINC SULFIDES
       ..WURTZITE
       ..ZINCBLENDE

ZINC TELLURIDES
  0603 1804
  GS   CHALCOGENIDES
       .TELLURIDES
       .#ZINC TELLURIDES
       TELLURIUM COMPOUNDS
       .TELLURIDES
       .#ZINC TELLURIDES
       ZINC COMPOUNDS
       #ZINC TELLURIDES

ZINC TUNGSTATES
  0603 1804
  GS   TUNGSTEN COMPOUNDS
       .TUNGSTATES
       .#ZINC TUNGSTATES
       ZINC COMPOUNDS
       #ZINC TUNGSTATES

ZINC-BROMIDE BATTERIES
  0902
  GS   ELECTROCHEMICAL CELLS
       .ELECTRIC BATTERIES
       ..STORAGE BATTERIES
       ..#ZINC-BROMIDE BATTERIES
  RT   ZINC-CHLORINE BATTERIES

ZINC-CHLORINE BATTERIES
  0904
  GS   ELECTROCHEMICAL CELLS
       .ELECTRIC BATTERIES
       ..STORAGE BATTERIES
       ..#ZINC-CHLORINE BATTERIES
  RT   ZINC-BROMIDE BATTERIES

ZINC-OXYGEN BATTERIES
  0302 0904 0905 3401
  GS   ELECTRIC GENERATORS
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        .DIRECT POWER GENERATORS
        ..PRIMARY BATTERIES
        ...METAL AIR BATTERIES
        ...#ZINC-OXYGEN BATTERIES
        ELECTROCHEMICAL CELLS
        .ELECTRIC BATTERIES
        ..PRIMARY BATTERIES
        ...METAL AIR BATTERIES
        ...#ZINC-OXYGEN BATTERIES

ZINCBLENDE
  1806
  UF    SPHALERITE
  GS    CHALCOGENIDES
        .SULFIDES
        ..INORGANIC SULFIDES
        ...ZINC SULFIDES
        ...#ZINCBLENDE
        MINERALS
        #ZINCBLENDE
        SULFUR COMPOUNDS
        .SULFIDES
        ..INORGANIC SULFIDES
        ...ZINC SULFIDES
        ...#ZINCBLENDE
        ZINC COMPOUNDS
        .ZINC SULFIDES
        .#ZINCBLENDE

ZIPPERS
  0508
  GS    FASTENERS
        #ZIPPERS
  RT    HOLDERS

ZIRCALOY 2 (TRADEMARK)
  1701 1704 3305
  GS    ALLOYS
        .ZIRCONIUM ALLOYS
        ..ZIRCALOYS (TRADEMARK)
        ..#ZIRCALOY 2 (TRADEMARK)

ZIRCALOYS (TRADEMARK)
  1701 1704 3305
  GS    ALLOYS
        .ZIRCONIUM ALLOYS
        .#ZIRCALOYS (TRADEMARK)
        ...ZIRCALOY 2 (TRADEMARK)
  RT    IRON ALLOYS
        TIN ALLOYS

ZIRCONATES
  0603
  GS    ZIRCONIUM COMPOUNDS
        #ZIRCONATES
        ..BARIUM ZIRCONATES
        ..STRONTIUM ZIRCONATES

ZIRCONIA
  USE   ZIRCONIUM OXIDES

ZIRCONIUM
  0603 1703
  GS    CHEMICAL ELEMENTS
        #ZIRCONIUM
        ..ZIRCONIUM ISOTOPES
        ...ZIRCONIUM 95
        METALS
        .TRANSITION METALS
        .#ZIRCONIUM
        ...ZIRCONIUM ISOTOPES
        ....ZIRCONIUM 95

ZIRCONIUM ALLOYS
  1701 1704
  GS    ALLOYS
        #ZIRCONIUM ALLOYS
        ..ZIRCALOYS (TRADEMARK)
        ...ZIRCALOY 2 (TRADEMARK)
  RT    HAFNIUM ALLOYS
        LITHIUM ALLOYS

ZIRCONIUM CARBIDES
  0603
  GS    CARBON COMPOUNDS
        .CARBIDES
        .#ZIRCONIUM CARBIDES
        ZIRCONIUM COMPOUNDS
        #ZIRCONIUM CARBIDES

ZIRCONIUM COMPOUNDS
  0603
  GS   #ZIRCONIUM COMPOUNDS
        .ZIRCONATES
        ..BARIUM ZIRCONATES
        ..STRONTIUM ZIRCONATES
        .ZIRCONIUM CARBIDES
        .ZIRCONIUM HYDRIDES
        .ZIRCONIUM IODIDES
        .ZIRCONIUM NITRIDES
        .ZIRCONIUM OXIDES
        ..YTTRIA-STABILIZED ZIRCONIA
        .ZIRCONIUM TITANATES
  RT % CHEMICAL COMPOUNDS
     % GROUP 4B COMPOUNDS
     % METAL COMPOUNDS

ZIRCONIUM HYDRIDES
  0603 1804
  GS    HYDROGEN COMPOUNDS
        .HYDRIDES
        .#ZIRCONIUM HYDRIDES
        ZIRCONIUM COMPOUNDS
        #ZIRCONIUM HYDRIDES

ZIRCONIUM IODIDES
  0603 1804
  GS    HALOGEN COMPOUNDS
        .HALIDES
        ..METAL HALIDES
        ..#ZIRCONIUM IODIDES
        .IODINE COMPOUNDS
        ..IODIDES
        ..#ZIRCONIUM IODIDES
        ZIRCONIUM COMPOUNDS
        #ZIRCONIUM IODIDES

ZIRCONIUM ISOTOPES
  2406
  GS    CHEMICAL ELEMENTS
        .NUCLIDES
        ..ISOTOPES
        ..#ZIRCONIUM ISOTOPES
        ....ZIRCONIUM 95
        .ZIRCONIUM
        .#ZIRCONIUM ISOTOPES
        ...ZIRCONIUM 95
        METALS
        .TRANSITION METALS
        ..ZIRCONIUM
        ..#ZIRCONIUM ISOTOPES
        ....ZIRCONIUM 95

ZIRCONIUM NITRIDES
  0603 1804
  GS    NITROGEN COMPOUNDS
        .NITRIDES
        ..METAL NITRIDES
        ..#ZIRCONIUM NITRIDES
        ZIRCONIUM COMPOUNDS
        #ZIRCONIUM NITRIDES

ZIRCONIUM OXIDES
  0603 1804
  UF    ZIRCONIA
  GS    CHALCOGENIDES
        .OXIDES
        ..METAL OXIDES
        ..#ZIRCONIUM OXIDES
        ....YTTRIA-STABILIZED ZIRCONIA
        ZIRCONIUM COMPOUNDS
        #ZIRCONIUM OXIDES
        ..YTTRIA-STABILIZED ZIRCONIA

ZIRCONIUM TITANATES
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  0603 1804
  GS   TITANIUM COMPOUNDS
       .TITANATES
       .#ZIRCONIUM TITANATES
       ZIRCONIUM COMPOUNDS
       #ZIRCONIUM TITANATES

ZIRCONIUM 95
  1703 2406
  GS   CHEMICAL ELEMENTS
       .NUCLIDES
       ..ISOTOPES
       ...RADIOACTIVE ISOTOPES
       ...#ZIRCONIUM 95
       ...ZIRCONIUM ISOTOPES
       ...#ZIRCONIUM 95
       .ZIRCONIUM
       ..ZIRCONIUM ISOTOPES
       ..#ZIRCONIUM 95
       METALS
       .TRANSITION METALS
       ..ZIRCONIUM
       ...ZIRCONIUM ISOTOPES
       ...#ZIRCONIUM 95

ZODIAC
  3001 3009
  RT   CONSTELLATIONS
       ECLIPTIC
       SCORPIUS CONSTELLATION
       SCUTUM CONSTELLATION

ZODIACAL DUST
  2003 3001 3009
  GS   CELESTIAL BODIES
       .METEOROIDS
       ..MICROMETEOROIDS
       ...METEOROID DUST CLOUDS
       ...#ZODIACAL DUST
       MEDIA
       .INTERPLANETARY MEDIUM
       ..INTERPLANETARY DUST
       ...METEOROID DUST CLOUDS
       ...#ZODIACAL DUST
       PARTICLES
       .DUST
       ..COSMIC DUST
       ...INTERPLANETARY DUST
       ....METEOROID DUST CLOUDS
       ....#ZODIACAL DUST
  RT   EXPLORER SATELLITES
       MICROMETEORITES
       POYNTING-ROBERTSON EFFECT
       TERRESTRIAL DUST BELT

ZODIACAL LIGHT
  1308 2003 2306 3009
  GS   ELECTROMAGNETIC RADIATION
       .LIGHT (VISIBLE RADIATION)
       .#ZODIACAL LIGHT
       EXTRATERRESTRIAL RADIATION
       #ZODIACAL LIGHT
  RT   GEGENSCHEIN
       HELIOS PROJECT
       MICROMETEOROIDS
       NIGHT SKY
       POLARIZED LIGHT
       POYNTING-ROBERTSON EFFECT
       SKY BRIGHTNESS
       SOLAR RADIATION
       SUNLIGHT

ZONAL CIRCULATION
  USE  ZONAL FLOW (METEOROLOGY)

ZONAL EARTH ENERGY BUDGET EXPERIMENT
  USE  LZEEBE SATELLITE

ZONAL FLOW (METEOROLOGY)
  1301 2001 2003
  UF   ZONAL CIRCULATION
  GS   CIRCULATION
       .ATMOSPHERIC CIRCULATION
       .#ZONAL FLOW (METEOROLOGY)
  RT   AIR CURRENTS
       ANNUAL VARIATIONS
       BAROCLINIC INSTABILITY
       BAROCLINIC WAVES
       CIRCUMPOLAR WESTERLIES
       CLIMATOLOGY
       INTERTROPICAL CONVERGENT ZONES
       JET STREAMS (METEOROLOGY)
       MERIDIONAL FLOW
       METEOROLOGY
       MIDDLE ATMOSPHERE
       MIXING HEIGHT
       PLANETARY WAVES
       WIND (METEOROLOGY)
       WIND DIRECTION
       WIND PROFILES

ZONAL HARMONICS
  1308 1901 1904 3003
  GS   ANALYSIS (MATHEMATICS)
       .FUNCTIONAL ANALYSIS
       ..HARMONIC ANALYSIS
       ..#ZONAL HARMONICS
       HARMONICS
       #ZONAL HARMONICS

ZOND SPACE PROBES
  3108 3409 3007
  GS   INTERPLANETARY SPACECRAFT
       #ZOND SPACE PROBES
       ..ZOND 1 SPACE PROBE
       ..ZOND 2 SPACE PROBE
       ..ZOND 3 SPACE PROBE
       ..ZOND 4 SPACE PROBE
       ..ZOND 5 SPACE PROBE
       ..ZOND 6 SPACE PROBE
       ..ZOND 7 SPACE PROBE
       ..ZOND 8 SPACE PROBE
       SOVIET SPACECRAFT
       #ZOND SPACE PROBES
       ..ZOND 1 SPACE PROBE
       ..ZOND 2 SPACE PROBE
       ..ZOND 3 SPACE PROBE
       ..ZOND 4 SPACE PROBE
       ..ZOND 5 SPACE PROBE
       ..ZOND 6 SPACE PROBE
       ..ZOND 7 SPACE PROBE
       ..ZOND 8 SPACE PROBE
       UNMANNED SPACECRAFT
       #ZOND SPACE PROBES
       ..ZOND 1 SPACE PROBE
       ..ZOND 2 SPACE PROBE
       ..ZOND 3 SPACE PROBE
       ..ZOND 4 SPACE PROBE
       ..ZOND 5 SPACE PROBE
       ..ZOND 6 SPACE PROBE
       ..ZOND 7 SPACE PROBE
       ..ZOND 8 SPACE PROBE
  RT   MARS PROBES

ZOND 1 SPACE PROBE
  3108 3409 3009
  GS   INTERPLANETARY SPACECRAFT
       .VENUS PROBES
       .#ZOND 1 SPACE PROBE
       .ZOND SPACE PROBES
       .#ZOND 1 SPACE PROBE
       SOVIET SPACECRAFT
       .ZOND SPACE PROBES
       .#ZOND 1 SPACE PROBE
       UNMANNED SPACECRAFT
       .SPACE PROBES
       ..VENUS PROBES
       ..#ZOND 1 SPACE PROBE
       .ZOND SPACE PROBES
       .#ZOND 1 SPACE PROBE

ZOND 2 SPACE PROBE
  3108 3409 3009
  GS   INTERPLANETARY SPACECRAFT
       .MARS PROBES
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.#ZOND 2 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 2 SPACE PROBE
SOVIET SPACECRAFT
.ZOND SPACE PROBES
.#ZOND 2 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..MARS PROBES
..#ZOND 2 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 2 SPACE PROBE

ZOND 3 SPACE PROBE
3108 3409 3009
GS INTERPLANETARY SPACECRAFT
.VENUS PROBES
.#ZOND 3 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 3 SPACE PROBE
SOVIET SPACECRAFT
.ZOND SPACE PROBES
.#ZOND 3 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..VENUS PROBES
..#ZOND 3 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 3 SPACE PROBE

ZOND 4 SPACE PROBE
3108 3409 3009
GS INTERPLANETARY SPACECRAFT
.VENUS PROBES
.#ZOND 4 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 4 SPACE PROBE
SOVIET SPACECRAFT
.ZOND SPACE PROBES
.#ZOND 4 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..VENUS PROBES
..#ZOND 4 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 4 SPACE PROBE

ZOND 5 SPACE PROBE
3108 3409 3009
GS INTERPLANETARY SPACECRAFT
.VENUS PROBES
.#ZOND 5 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 5 SPACE PROBE
SOVIET SPACECRAFT
.ZOND SPACE PROBES
.#ZOND 5 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..VENUS PROBES
..#ZOND 5 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 5 SPACE PROBE

ZOND 6 SPACE PROBE
3108 3409 3009
GS INTERPLANETARY SPACECRAFT
.VENUS PROBES
.#ZOND 6 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 6 SPACE PROBE
SOVIET SPACECRAFT
.ZOND SPACE PROBES
.#ZOND 6 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..VENUS PROBES
..#ZOND 6 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 6 SPACE PROBE

ZOND 7 SPACE PROBE
3108 3409 3009
GS INTERPLANETARY SPACECRAFT
.VENUS PROBES
.#ZOND 7 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 7 SPACE PROBE
SOVIET SPACECRAFT
.ZOND SPACE PROBES
.#ZOND 7 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..VENUS PROBES
..#ZOND 7 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 7 SPACE PROBE

ZOND 8 SPACE PROBE
3108 3110 3009
GS INTERPLANETARY SPACECRAFT
.VENUS PROBES
.#ZOND 8 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 8 SPACE PROBE
SOVIET SPACECRAFT
.ZOND SPACE PROBES
.#ZOND 8 SPACE PROBE
UNMANNED SPACECRAFT
.SPACE PROBES
..VENUS PROBES
..#ZOND 8 SPACE PROBE
.ZOND SPACE PROBES
.#ZOND 8 SPACE PROBE

ZONE MELTING
0602 1704 2601 3303
UF ZONE REFINING
GS PHASE TRANSFORMATIONS
.FREEZING
.#ZONE MELTING
RT ARC MELTING
CRYSTALLIZATION
FLOAT ZONES
MELTING
PURIFICATION
REFINING
% SEPARATION
ULTRAPURE METALS
VACUUM MELTING

ZONE REFINING
USE ZONE MELTING

ZONES
USE REGIONS

% ZOOLOGY
0402 0404
SN (USE OF A MORE SPECIFIC TERM IS RECOMMENDED--CONSULT THE TERMS LISTED BELOW)
RT ANIMALS
BOTANY
ENTOMOLOGY
% SCIENCE
TAXONOMY

ZOOM LENSES
1404
GS LENSES
#ZOOM LENSES
RT LENS DESIGN

ZOOPLANKTON
0402 0404 0407 0409
GS ANIMALS
#ZOOPLANKTON
PLANKTON
#ZOOPLANKTON
RT MARINE BIOLOGY
PHYTOPLANKTON

ZPR REACTORS
USE ZERO POWER REACTORS

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ZUNI ROCKET VEHICLE
  3101 3401
  GS   ROCKET VEHICLES
       .SINGLE STAGE ROCKET VEHICLES
       .#ZUNI ROCKET VEHICLE
  RT   SOLID PROPELLANT ROCKET ENGINES
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